CONSTRUCTION NEWS

PROPOSALS

"For Proposals Advertised see the pages immediately following the Construction News Section."

WATERWORKS

Bids Close		See Eng. News-Record
Jan. 5	Galesburg, Ill. ..... Adv. Dec. 11.	Dec. 11
Jan. 5	Whittier, Cal.	Dec. 16
Jan. 7	Heppner, Ore.	Dec. 16

SEWERS

Dec. 31	Grasse Pointe, Mich.	Dec. 11
Jan. 14	Little Falls, Minn.	Dec. 20
Jan. 15	Duluth, Minn.	Dec. 11
Feb. 2	Kokomo, Ind.	Dec. 16

BRIDGES

Dec. 24	Michigan	Dec. 20
Dec. 27	Madison, Wis.	Dec. 16
Dec. 27	Prairie du Sac, Wis.	Dec. 20
Dec. 29	Reading, Pa.	Dec. 16
Dec. 30	Quitman, Ga.	Dec. 20
Dec. 30	Minco, Okla.	Dec. 16
Jan. 6	Owatonna Minn.	Dec. 11
Jan. 6	Duluth, Minn.	Dec. 20
Feb. 7	Bethlehem, Pa.	Dec. 11

STREETS AND ROADS

Dec. 23,	Montgomery, Ala.	Dec. 16
Dec. 23	North Carolina	Dec. 16
Dec. 23	Ventura, Cal.	Dec. 11
Dec. 23	Gaylord, Minn.	Dec. 11
Dec. 23	Long Island City, N. Y.	Dec. 16
Dec. 23	Henderson, Minn.	Dec. 4
Dec. 24.	Brooklyn, N. Y.	Dec. 20
Dec. 24	Rhode Island	Dec. 20
Dec 26	Wauwatosa, Wis.	Dec. 11
Dec. 27	Lawrenceville, N. J.	Dec. 16
Dec. 29	Athens, Tex.	Dec. 16
Dec. 29	Franklin, W. Va.	Dec. 20
Dec. 29	Minneapolis, Minn.	Dec. 20
Dec. 29	Texas	Dec. 20
Dec. 30	Michigan	Dec. 20
Dec. 30	Texas	Dec. 20
Dec. 30	Denton, Tex.	Dec. 16
Jan. 2	Waco, Texas	Dec. 16
Jan. 2	Texas	Dec. 20
Jan. 3	Limestone, Ariz.	Dec. 20
Jan. 5	St. Louis, Mo.	Dec. 11
Jan. 5	Fayetteville, W. Va.	Dec. 20
Jan. 6	Hamlin, W. Va.	Dec. 13
Jan. 7	Palestine, Ill.	Dec. 20
Jan. 9	Fresno, Cal.	Dec. 20
Jan. 12	Texas	Dec. 20
Jan. 14	Charleston, W. Va.	Dec. 20
Jan. 15	St. Louis, Mo.	Dec. 11
Jan. 16	La Grange, Tex.	Dec. 20
Jan. 16	Liberty, Tex.	Dec. 20
Jan. 17	St. Louis, Mo.	Dec. 11
Jan. 19	Finch, Ont.	Dec. 4
Jan. 28	St. Louis, Mo.	Dec. 11

EXCAVATION AND DREDGING.

Dec. 22	Brooklyn, N. Y.	Dec. 16
Jan. 7	Elbow Lake, Minn.	Dec. 20

INDUSTRIAL WORKS

Dec. 22	Philadelphia, Pa.	Dec. 16
Dec. 24	Detroit, Mich.	Dec. 16
Dec. 27	Montreal, Que	Dec. 20
Jan. 1	Hamilton, Ont	Dec. 20
Jan. 4	Iowa Falls, Ia.	Dec. 20
Jan. 7	Freehold, N. J.	Dec. 16
Jan. 12	Wakefield, Mass.	Dec. 16
Jan. 15	Montreal, Que.	Dec. 20

BUILDINGS

Dec. 26	Cleveland, Okla.	Dec. 20
Dec. 26	Coquille, Ore.	Dec. 20
Dec. 27	Chandler, Ariz.	Dec. 11
Dec. 29	Cleveland, O.	Dec. 4
Dec. 29	Cleveland, O.	Dec. 20
Dec. 29	Kenmore, O.	Dec. 20
Dec. 30	Mt. Pleasant, Ia.	Dec. 11
Dec. 30	Lynn, Mass.	Dec. 16
Dec. 31	Detroit, Mich.	Dec. 20
Dec. 31	Grand Rapids, Mich.	Dec. 20
Jan. 1	Waterloo, Iowa	Dec. 20
Jan. 1	Bloomer, Wis.	Dec. 11
Jan. 1.	Windsor, Ont.	Dec. 20
Jan. 1	Vancouver, B. C.	Dec. 11
Jan. 2	Duluth, Minn.	Dec. 11
Jan. 3	McKeesport, Pa.	Dec. 11

Bids Close		See Eng. News-Record
Jan. 3	Woodbine, Ia.	Dec. 11
Jan. 5	Gaza, Ia.	Dec. 11
Jan. 5	Hartford, Conn.	Dec. 20
Jan. 8	Fresno, Cal.	Dec. 20
Jan. 8	Laurel, Iowa	Dec. 20
Jan. 10	Kenosha, Wis.	Dec. 11
Jan. 13	Ord, Neb.	Dec. 20
Jan. 13	Storm Lake, Ia.	Dec. 4
Jan. 15	Waterloo, Que.	Dec. 16
Jan. 15	Jacksonville, Ill.	Dec. 11
Jan. 19	Lowell, Mass.	Dec. 11
Feb. 1	Mitchell, S. D. ..... Adv. Dec. 28.	Dec. 20
May 15	Syracuse, N. Y.	Dec. 11

FEDERAL GOVERNMENT WORK

Dec. 23	Animal House Extension — Washington, D. C.	Dec. 4
Dec. 23	Cranes — Spec. 4092 — Norfolk, Va.	Dec. 11
Dec. 23	Cranes—Spec. 4092—Philadelphia, Pa.	Dec. 11
Dec. 23	Partitions — Spec. 4098 — Alexandria, Va.	Dec. 16
Dec. 23	Heating — Spec. 4091 — Charleston, S. C.	Dec. 16
Dec. 26	Lock Gates — Wheeling, W. Va. ..... Adv. Dec. 4.	Dec. 4
Dec. 30	Electric Elevators—Stapleton, N. Y.	Dec. 11
Dec. 30	Remodeling Custom and Court House—Toledo, O. .	Dec. 11
Dec. 30	Electric Traveling Cranes — Spec. 4094 — Washington, D. C.	Dec. 16
Dec. 30	Buoys—Spec. 4068—Yorktown, Va.	Dec. 20
Dec. 31	Buildings — Washington, D. C.	Dec. 16
Jan. 2	Lock and Esplanade—Florence, Ala.	Dec. 16
Jan. 5	Remodeling Post Office — Fitchburg, Mass.	Dec. 16
Jan. 5	Sewers—Washington, D. C.	Dec. 20
Jan. 6	Alterations to Post Office—Ashland, Ky.	Dec. 16
Jan. 7	Dirigible Hangar — Spec. 4080—Cape May, N. J.	Dec. 16
Jan. 7	Dredging — Los Angeles, Cal.	Dec. 20
Jan. 7	Water Tanks and Towers—Spec. 4103—Annapolis, Md.	Dec. 20
Jan. 8	Bridge—Santa Clara, Utah.	Dec. 20
Jan. 8	Remodeling Post Office — Springfield, O.	Dec. 20
Jan. 13	Additional Buildings — Dawson Spring, Ky.	Dec. 16
Feb. 2	Tower and Dwelling—Rincon, P. R. ..... Adv. Dec. 11.	Dec. 11

MISCELLANEOUS

Dec. 22	Bulkhead and Side Walls—Philadelphia, Pa.	Dec. 20
Dec. 23	Jib Cranes — New York, N. Y. ..... Adv. Dec. 4.	Dec. 4
Dec. 24	Steam Road Roller—Manitowoc, Wis.	Dec. 20
Jan. 6	Sewer Pipe — Brownstown, Ind.	Dec. 20
Jan. 7	Dam — New Westminster, B. C.	Dec. 16
Jan. 12	Gravel Screening and Loading Plant — Minneapolis, Minn.	Dec. 20
Jan. 22	Pipes, Valves, etc. — St. Louis, Mo.	Dec. 11

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk or corresponding official.

Waterworks

PROPOSED WORK

N. Y., Watertown—Bd. Water, Light & Power having plans prepared by Hazen, Whipple & Fuller, engrs., 30 East 42nd St., New York City, for additional settling basin to be added to present water filtration system. Cost between $60,000 and $80,000.

N. J., New Brunswick—City voted $20,000 bonds to install watermains at Lincoln Gardens, $13,000 for additional units at filtration plant, $5000 for radial stack at Weston Mills Station, $10,000 for water tube boiler at pumping station, $30,000 for completion of dam, $8000 for water wheel, rotary pump, etc., $75,000 for 4000 meters and installation thereof.

Mich., Ironwood—City election in January to vote on bonds to build new waterworks system with pumping plant at Spring Creek, 6 mi. north of here and replace present plant at Montreal River. Plans include 3 electrically and 2 auxillary gasoline driven centrifugal pumps. Estimated cost of pumping and filtration plant, $435,000. pumping plant only, $290,000. Undecided as to whether filtration plant is necesary.

Mich., Pontiac—City plans election in April to vote on bonds to build filter plant, 10,000,000 gal. daily capacity, 6000 ft. 48-in. rein.-con. pressure pipe to withstand head of 10 in., concrete head house at intake and gravity system. About $506,000. C. W. Hubbell, 2348 Penobscot Bldg., Detroit, engr.

Ill., Decatur—City receives bids about January, building concrete and earth impounding dam, 1900 ft. long, 28½ ft. high at spillway. About $500,000. S. A. Greeley, 39 West Adams St., Chicago, engr. Noted May 1

Ill., Jacksonville—City Clerk receives bids about January, building filtration plant, 1,500,000 gal. capacity. About $50,000. S. A. Greeley, 39 West Adams St., Chicago, engr.

Wis., Kohler—City having preliminary surveys made for waterworks system. About $50,000. J. Donohue, York Bldg., Sheboygan, engr.

Okla., Foraker—City voted $40,000 bonds to improve waterworks system. Engineer not selected.

Ore., Bend—Bend Water, Light & Power Co. applied to state engineer for 50 second ft. of water from Tumalo Creek, for development of 4225 hp. and also plans to build 2 concrete dams and canal. About $229,000.

Cal., Brea—City having plans prepared by Olmsted & Gillelen, engrs., 1112 Hollingsworth Bldg., Los Angeles, for improving waterworks system. Bonds will be voted for project.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

Cal., Inglewood—City received bids furnishing and laying 13,000 ft. 4 in. 9825 ft. 6 in. and 4150 ft. 8 in. class A c.i. pipe, from T. Haverty Co., 8th and Maple Sts., $55,369, laid with cement joints; M. Murphy, San Francisco, $56,631, lead joints. Noted June 5.

★Ont., Welland—Crowland Twp. let contract laying 8000 ft. 6 in. c.i. watermains, to Somerville & Delworth, Welland, $.58 per lin.ft. Town will supply pipe.

Sewers

PROPOSED WORK

N. J., New Brunswick—City voted $25,000 bonds to build surface draining sewers in various streets.

O., Lakewood (Cleveland P. O.)—City plans to build 9000 ft. vitr. and segmental block sewers in Edgewater Dr. from Webb Rd. to Sullivan Park and Franklin Ave. from Contant to Highland Aves. About $35,000. E. A. Fischer, Lakewood, engr.

Ill., Decatur—City plans election in January to vote on $800,000 bonds to build 14,000 ft. intercepting sewers, various sizes. S. A. Greeley, 39 West Adams St., Chicago, engr.

Sewers (Continued)

Ill., East Moline—City plans to build 10,000 ft. 36-84 in. sewers in various streets. About $230,000. W. L. Warnes, city engr.

Wis., Kohler—City having preliminary surveys made for sanitary sewerage system. About $75,000. J. Donohue, York Bldg., Sheboygan, engr.

Ia., Des Moines—City had preliminary surveys made building Northeast Sanitary Sewerage System, involving 20 mi. 10-22 in. vitr. pipe. Cost to exceed $200,000. K. C. Kastberg, city engr.

Ore., Portland—City plans to build vitr. or cement sewers, manholes, lampholes, catchbasins, service branches and trunk lines, in East 57th St. from Sandy Blvd. to Halsey St., cost $12,928, East 54th St. from Halsey to Tillamook Sts., $6968, Ravensview Dr. from Bway Dr. to Tract 8, $2246; Williamette Blvd. and Rens St., $1933; Albina Ave., $75,294; East 72nd and Taylor Sts., $8991; East 58th St. from Davis to Burnside Sts., $1357; East 61st and Sacramento Sts., $7097; East 58th St. from Klickitat St. to Sandy Blvd., $6607; North line Sandy Blvd. to Klickitat St., $5624; East 53rd St. from Halsey to Tillamook Sts., $6048; Nevada St. from Corbett to 1st Sts., $945. O. Laurgaard, city engr.

Ore., Portland—City plans to build sewerage system in East 38th and Knight Sts., vitr. or cement pipe, cost $13,115; improve East 10th St. from Killingsworth Ave. to south line of Durham Ave., to include grading, curbing, draining and building concrete sidewalks, $6737. O. Laurgaard, city engr.

Ont., Belleville.—City having plans prepared and soon receives bids building 5000 ft. 10-15 in. vitr. sewers in Dufferin Ave. and Victoria St. About $125,000. J. G. McGill, city engr. Noted Sept. 25.

Ont., Guelph—City plans to build 2500 ft. 18-24 in. vitr. sewer in Preston St. from Fergus to Yorkshire Sts. F. McArthur, city engr. About $12,000.

BIDS DESIRED

Minn., Little Falls—Until Jan. 14, by A. Johnson, city clk., building sewers in various streets, involving 3152 ft. 10-20 in. pipe, 6 manholes 8-13 ft. deep, etc. About $13,000. C. L. Pillsbury Co., 805 Metropolitan Life Bldg., Minneapolis, engrs.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**O., Cleveland**—E. W. White, 906 Williamson Bldg., will build sewer in Edgewood Ave., involving 1770 ft. 20-30 in. vitr. pipe, 10 manholes, etc. About $14,600. Work will be done by day labor. Former bids rejected.

★**Wis., Kewaunee**—City let contract excavating and laying 3.1 mi. 10 in. vitr. pipe sewers in various streets, to Gray-Robinson, 8th St., Manitowoc, $34,890.

★**Ia., Osage**—City let contract building sewers in various streets, involving 76,020 lin.ft. 8-15 in. pipe and 11,879 cu.yd. rock excav., to O'Neill & Preston, 60 East 6th St., St. Paut, Minn. About $253,000.

Ore., Portland—City received bids building sewerage system in (a) East 65th and Stanton Sts., (b) Bradford and Alta Sts., (c) East 84th St. from East Burnside to East Stark Sts., (d) East 2nd St. from East Madison to East Salmon Sts., (e) 5th Ave. from point 80 ft. south of Nevada St. to sewer extension "b" in Fulton Park, (1) concrete, (2) cement, from Warren Constr. Co., Journal Bldg., (a1) $53,817; Azar & Co., Portland, (b2) $7857; Elliott & Scoggin, McKay Bldg., (b2) $7865, (c2) $3454; J. Keating, Portland, (b) $8156, (d2) 4152; E. Sandberg, (c2) $3073; Mehemarie & Co., (c2) $3382; Dyoub & Joseph, (e2) $938.

Bridges

PROPOSED WORK

Mass., Chelsea—Dept. Pub. Wks. plans to build concrete and steel bridge. About $500,000.

Conn., Bridgeport—City plans to expend $100,000 to repair present Steeplechase Island Bridge, over Johnson Creek.

N. J., New Brunswick—City voted $11,000 bonds to build steel foot bridge over Pennsylvania R.R. tracks on Sandford St.

Florida—State Road Dept., Tallahassee, soon lets contract building 388 ft. bridge, 18 ft. roadway, 6 ft. walk, over Blackwater River at Milton, to have 4 steel girder approach spans and steel bascule left span. Work involves 1348 cu.yd. concrete, 168,000 lb. steel reinforcement, 220,000 lb. steel for approach span, 200,000 lb. steel for bascule span, 8250 lin.ft. wooden piling, 22,500 lb. castings and machinery, 26,500 ft. flooring and 716 lin.ft. handrail. C. A Browne, Tallahassee, engr.

Mich., Ironwood—Chicago & Northwestern Ry., Jackson Blvd. and Franklin St., Chicago & Minneapolis, St. Paul & Sault Sainte Marie Ry., 204 Clark St., Chicago, and city plan to build viaduct over tracks on Marquette or Curry Sts., here. Estimated cost, on Marquette St., $145,700, Curry St., $235,975. Railways will pay 75 per cent of cost and city 25 per cent. W. H. Finley, ch. engr. of former and E. A. Whitman, ch. engr. of latter.

Cal., San Bernardino—City defeated $60,000 bonds to build 2 bridges. Noted Aug. 14.

Ont., Toronto—Comrs. York Co., 57 Adelaide St. E., having plans prepared by E. Barber, engr., 40 Jarvis St., for 100 ft. rein.-con. bridge, 20 ft wide, over Black River. About $22,500.

BIDS DESIRED

Ga., Quitman—Until Dec. 30 by Comrs. Brooks Co. building 10 concrete bridges between here and Moultrie. Work involves 1066 cu.yd. excav., 1340 lin.ft. wooden piling, 2304 lin.ft. concrete piling, 1349.9 cu.yd. class "B" concrete and 100 341 lb. reinforcing steel, Garret & Slack, Bell Bldg., Montgomery, Ala., engrs. About $50,000.

Michigan—Until Dec. 24, by F. F. Rogers, state highway engr., Lansing, building State Trunk Line Bridge No. 318, over north branch of Pine River, ½ mi. north of Rudyard, Chippewa Co., 140 ft. long, 18 ft. wide, to have two 24 ft. concrete abutments, two 9 ft. piers, 60 ft. deck plate girder on steel bents with two 40 ft. I-beam approach spans containing 100,000 lb. steel, also State Trunk Line No. 319, over west branch of Pine River, ½ mi. west of Rudyard. Work involves 221 cu.yd. rein.-con. and 50 tons steel.

Wis., Prairie du Sac—Until Dec. 27, by State Highway Comn., Milwaukee, building 1428 ft. plate girder bridge, over Wisconsin River, here, to have 15 through plate girder spans, 79 ft. total length, double leaf bascule 70 ft. clear span, 2 plate girder approach spans, 79 ft., and concrete piers and abutments. Work involves 2400 cu.yd. rein.-con., 500 ton structural and 55 ton reinforcing steel, 330 lin.ft. piles, 205 sq.yd. paving, etc. Noted June 19.

Minn., Duluth—Until Jan. 6, by W. H. Borgen, aud. St. Louis Co., building 110 ft., steel span bridge, 18 ft. wide, over Little Forks River. About $18,000. O. A. Rold, co. engr.

Minn., Duluth—Until Jan. 6, by Comrs. St. Louis Co., building 140 ft. span bridge, 20 ft. wide, State Job No 1903, Div. No. 2. About $22,000. O. A. Rold, co. engr.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**Mass., Charlestown** (Boston P. O.)—Boston & Maine R. R., North Sta., Boston, let contract building timber railroad bridge, here, to W L. Miller Co., 171 Alford St. About $50,000.

★**N. J., Trenton**—Bd. Freeholders Mercer Co. let contract building bridge No. 421.1, 15 ft. rein.-con. span, 30 ft. roadway, to H. Morgan, 12 North Willow St., $9346; No. 423.1, to L. J. Seiling, 211 Broad St., Red Bank, $3572.

★**N. C., Pittsboro**—Comrs. Pitt Co. (Greenville) let contract building 273 ft., 5 span bridge, 12 ft. wide, over Tar River, to A. P. Gilbert, Durham, $15,074. Work involves 220 cu.yd. concrete.

★**O., Cleveland**—City let contract for 1310 cu.yd. rein.-con., 50,000 lb. steel and 1200 cu.yd. excav. in connection with building concrete bridge on West 117th St., 40 ft. long, 80 ft. wide, to C. R. White, 643 Lincoln Ave., Lakewood. About $25,000.

Wis., Milwaukee—P. Braman, comr. pub. wks., received bids Dec. 10, furnishing labor and materials for building North Ave. viaduct and side approach over Chicago, Milwaukee & St. Paul R.R. tracks and Milwaukee River, here, (a) work in case level of Milwaukee River is left at normal elevation, about 14-16 ft. above city datum, (b) in case gates of dam are opened and level of Milwaukee River is lowered about 10 ft., from Klug & Smith Co., 40 Mack Bldg., (a) $643,000, (b) $628,000; Standish & Allan, 220 South State St., Chicago, (a) $894,931, (b) $844,931. Work includes building concrete viaduct extending from intersection of North and Humboldt Aves. on west, to east bank of Milwaukee River to east. From westerly end, work consists of 183 ft. retaining wall with earth fill, 142 ft. concrete beam-and-slab construction, 141 ft. steel girders, concrete encased, over Chicago, Milwaukee & St. Paul R.R. tracks, 348 ft. concrete beam-and-slab construction and 571 ft. concrete arch construction, 3 arch spans, over Milwaukee River. Total width of viaduct, 61½ ft. with 40 ft. clear roadway. At west side of Milwaukee River will be side approach 600 ft. long, 28 ft. wide, with stairway.

Streets and Roads

PROPOSED WORK

Connecticut—State Highway Comm., Hartford, plans to build 14 mi. trunk line between Waterbury and Bristol, 16 ft. wide. About $300,000. C. J. Bennett, state highway comr.

N. J., New Brunswick—City voted $3000 bonds to grade Codwise Ave., $59,000 to pave Rutgers St., Livingston, Commercial and Codwise Aves., sheet asphalt, $63,000 to pave Remsen Ave., Townsend, Comstock, Condict, Brown, Hamilton, French, Alexander and other streets, Warrenite bituminous concrete, and $8,000 to repave Fitzpatrick and Paterson Sts., Warrenite bituminous concrete.

W. Va., Spencer—Comrs. Roane Co. having plans prepared for concrete paving, grading and draining 3 mi. road from here to Walton, 16 ft. wide. About $67,000. H. R. Muldoon, Spencer, engr.

O., Cleveland—J. Laronge Co., Williamson Bldg., receives bids about spring, grading, building stone sidewalks and water mains in 120 acre allotment, 4300 ft. long, 2400 ft. wide, on east side of Lindsay Rd. north of Lake Shore Blvd., Euclid Village. About $75,000. F. A. Pease Eng. Co., Marshall Bldg., engrs.

O, Lakewood (Cleveland P. O.)—City plans to grade, drain, curb and pave 11,250 ft. Hazelwood, Wyandotte, Richland and Lakeland Aves., asphalt, concrete, bituminous, brick block or macadam. About $50,000. E. A. Fischer, Lakewood, engr.

Wis., Chilton—City plans to grade and pave 5.2 mi. Chilton-Hilbert Jct. Rd., 18 ft. wide, 2 course rein.-con., also building bridges and culverts on same. Work involves 300,000 sq.yd. concrete. About $162,000. W. Hoenig, co. engr.

Wis., Chilton—Calumet Co. plans to grade, drain and surface Forest Junction-Hilbert Rd., Brillion Twp., $3600; New Holstein St. Anna Rd., New Holstein Twp., $3600; Hook Hill Rd., Stockbridge Twp., $3600; also building concrete culverts on roads on State Trunk Highway System, $9000. W. Hoenig, co. engr.

Wis., Ft. Atkinson—City plans to grade, drain and surface 2.8 mi. Watertown Plank Rd., 18 ft. wide, concrete. About $95,000. R. D. Rogers, co. engr.

Wis., Kewaunee—Kewaunee Co. plans to grade, drain and surface Montpelier Rd., West Kewaunee Twp., $6082; Casto-Ryan Rd., Casco Twp., $1521; Lakeshore Rd., Ahnapee Twp., $1521; Black Ash Rd., Lincoln Twp., $1521; Bauer Rd., Franklin Twp., $1521; also build Bain Bridge, concrete, Casco Twp., $758 and Brandle Bridge, concrete, Luxemburg Twp., $9380. M Shaw, Algoma, comr.

Wis., Port Washington—City plans to grade, pave and drain 2.8 mi. Lake Shore Rd., 18 ft. wide, rein.-con. About $90,000. J. H. Mueller, Thiensville, engr.

Wis., Wausau—Marathon Co. plans to grade and gravel surface Colby-Marshfield Rd., Brighton Twp., $3000; Wausau-Birnamwood Rd., Ringle and Easton Twps., $6000; Grand Rapids-Wausau Rd., Bergen Twp., $6000; Colby-Wausau Rd., Hull Twp., $5133; also expend $20,865 for improving roads in other towns. J. H. Vogt, comr.

Minn., Blooming Prairie—City having plans prepared for 1500 sq.yd. paving. Bids will be received on all types of pavement. About $100,000. J. W. Shaffer & Co., New York Life Bldg., Minneapolis, engrs.

Minn., Duluth—City soon lets contract improving 5000 ft. 63rd Ave. west from Front to Roosevelt Sts., 24-32 ft. wide, involving 4930 ft. earth excav., 12.365 sq.yd. concrete paving, 7808 lin.ft. concrete curbing, 1028 ft. concrete heading, 200 ft. 3 in. drain tile and 1700 ft. 12 and 18 in. sewer pipe. About $55,531. E. K. Coe, city engr.

Minn., Lake Crystal—City having surveys made for paving 20 blocks, 18 ft. wide. Bids will be received on all types of pavement. About $200,000. J. W. Shaffer & Co., New York Life Bldg., Minneapolis, engrs.

Minn., Madison—City having surveys made for 40,000 sq.yd. paving. Bids will be received on all types of pavement. About $200,000. J. W. Shaffer & Co., New York Life Bldg., Minneapolis, engrs.

Streets and Roads (Continued)

Montana—State Highway Comn., Helena, plans to gravel surface Missoula-Carlton Rd., cost $20,000, Missoula-Lathrop Rd., $20,000; road from O'Keefe Ranch to Ravalli, $20,000, Missoula Co. Federal Government asked to appropriate toward cost. J. N. Edy, state highway engr.

Mont., Great Falls—City plans to pave 30,581 sq.yd. 2nd Ave. N. from 19th to 36th Sts. L. B. Evenson, city engr.

Mont., Livingston—City receives bids about Feb. 1, paving 140 blocks in eastern and western districts. About $400,000. C. T. Sakett, city engr.

Tex., Linden—Cass Co. having plans prepared grading, gravel surfacing and draining 7.689 mi. Douglasville Rd., 9 ft. wide, involving 8.3 acres clearing and grubbing, 66,391 cu.yd. unclassified earth excav., 167 cu.yd. class A and 41 cu.yd. class B concrete, 17,882 lb. reinforcing steel and 476 ft. 24-36 in. c.i. pipe. About $68,342. Hess & Skinner, Southwestern Life Bldg., Dallas, engrs.

Okla., Tecumseh—Pottawatomie Co. voted $500,000 bonds to build roads in Earlsboro, Davis, Brinton, Forest and Rock Creek Twps. L. L. Winans, Tecumseh, engr.

New Mexico—State Highway Dept., Santa Fe, plans to pave 8 mi. road between Lordsburg and Steins, 20 ft. wide, Federal Aid Project No. 44. L. A. Gillett, state highway engr. About $50,000.

Ore., Astoria—City plans to pave 17,000 ft. Taylors Addition, 16 ft wide, concrete; also grade streets, 24 ft. wide. About $10,000. E. G. Gearhart, city aud.

Ore., Milton—City plans to issue $25,000 bonds to pave streets with concrete or bitulithic in conjunction with work planned by State Highway Comn.

Ore., Silverton—City Council passed resolution to expend $20,919 to grade and pave with concrete or asphaltic concrete, unpaved sections of main streets and drain overflow section of lower 3rd St.

Cal., Los Angeles—Bd. Pub. Wks. receives bids about Jan. 14 paving Melrose Hill Impvt. Dist., concrete with Warrenite surface, cement curbs and gutters. About $25,000. H. B. Ferris, secy. A. C. Hansen, city engr.

Cal., Los Angeles—Bd. Pub. Wks. receives bids about Jan. 15, improving Clementina Ave. et al, in Clementina Ave. Impvt. Dist., involving concrete base, asphalt surface, cement curbs, concrete and granite block gutters, vitr. pipe storm drains, grading and oiling. About $75,000. H. B. Ferris, secy. A. C. Hansen, city engr.

Cal., Los Angeles—City having plans prepared paving 5 mi. Western Ave. between Adams St. and Manchester Ave., 50 and 60 ft. wide, 5 in. concrete base, 1 in. binder and 2 in. asphalt surface. Also 13 other smaller paving jobs, some concrete, others Warrenite. A. C. Hansen, city engr.

Cal., Santa Ana—Bd. Supervs. Orange Co. plans election to vote on $2,500,000 bonds to pave 100 mi. highways. J. M. Backs, co. clk.

Cal., Visalia—Tulare Co. having plans and specifications prepared for concrete paving on 5 mi. Woodville-Poplar Rd., 4 mi. Klink-Woodville Rd., 9 mi. Yettem-Mud Springs Rd., 6 mi. road from Dinuba, south, 4 mi. Naranjo-Lemon Cove Rd. 4 mi. from Sultana, south and 8 mi. Orosi-Orange Cove Rd. L. Moye, co. engr. G. R. Prestidge, co. clk.

Ont., Belleville—City having plans prepared and soon receives bids paving William, Charles, Ann, John, Bridge and Pinnacle Sts. Work involves 38,000 sq.yd. 28-33 ft. wide, asphaltic concrete on concrete base. About $110,000. J. G. Mill, city engr.

Ont., Hamilton—City Council plans to grade McKittrick Blvd., King, Dundas, and Cannon Sts., Balsam, Connaught and Beechwood Aves.; build cement sidewalks on Homewood Ave., and King St. and concrete curb on Tisdale St. About $60,000. E. R. Gray, city engr.

BIDS DESIRED

Rhode Island—Until Dec. 24, by State Bd. Pub. Rds., State House, Providence, improving 1975 ft. and 8180 ft. state road, penetration method, Lincoln Twp. About $60,000. I. W. Patterson, engr.

N. Y., Brooklyn—Until Dec. 24, by Dept. Parks, Municipal Bldg., New York City, furnishing all labor and material for improving East Drive, Prospect Park between main entrance of park and Ocean Ave. entrance. Work includes regulating, grading, building sheet asphalt pavement on concrete foundation and laying brick gutters.

W. Va., Charleston—Until Jan. 14, by L. C. Massey, clk. Kanawha Co., grading, draining and paving 2.16 mi. Elk River Rd. Work involves 54,253 cu.yd. excav. and 25,761 sq.yd. concrete paving. About $138,586. F. G. Burdette, co. engr.

W. Va., Fayetteville—Until Jan. 5, by Comrs. Fayette Co., paving 8 mi. James River and Kanawha Turnpike, 9 ft. wide, concrete or penetration macadam. About $100,000. J. K. McGrath, co. engr.

Michigan—Until Dec. 30, by F. F. Rogers, state highway engr., Larsing, grading and surfacing 3.068 mi. Assessment Dist. Rd. No. 150, from Huron Shore Pike northwest, 9 ft. wide, involving 16,200 sq.yd. class B gravel. About $30,000.

Ill., Palestine—Until Jan. 7, by Village Clerk, improving sections of Walnut and Main Sts., involving 5820 cu.yd. excav., grading and preparing subgrade, 14,160 sq.yd. Portland cement concrete pavement, 10 and 11 in. thick in center, 6 and 7 in. thick on sides, 6535 lin.ft. Portland cement concrete curb, 532 lin.ft. soft steel protection plates, 3458 lin.ft. 8-12 in. vitr. clay sewer pipe, 19 concrete combination inlets and catch basins, etc. E. F. Mail, Robinson, engr.

Minn., Luverne—W. Bauer, city recdr., receiving bids paving 100 blocks, 18 ft. wide, concrete, asphalt, asphaltic concrete, bitulithic or vitr. brick. About $300,000. T. H. Johnson, 32nd and Myrtle Sts., Sioux City, Ia., engr.

Minn., Minneapolis—Until Dec. 29, by A. P. Erickson, aud. Hennepin Co., grading and graveling 38,000 sq.yd. Rd. No. 55A, on Dan Patch Line, near Bloomington. About $25,000. E. E. Terrell, co. surv.

Texas—Until Dec. 29, by State Highway Dept., Austin, gravel surfacing 11.5 mi. Highway No. 19, Federal Aid Project No. 102, Henderson Co.

Texas—Until Dec. 30, by State Highway Dept., Austin, surfacing with bituminous gravel, 10.1 mi. Highway No. 40, Federal Aid Project No. 117, Denton Co.

Texas—Until Jan. 2, by State Highway Dept., Austin, concrete surfacing 1.01 mi. Highway Nos. 7 and 31, Federal Aid Project No. 110, McLennan Co.

Texas—Until Jan. 12, by State Highway Dept., Austin, gravel surfacing 11.3 mi. Highway No. 3, Federal Aid Project No. 37, Fayette Co. and 8.5 mi. Highway No. 35, Federal Aid Project No. 125, Liberty Co.

Tex., La Grange—Until Jan 16, by J. F. Ehlenger, judge Fayette Co., grading, gravel surfacing and draining 11.27 mi. Highway No. 3, from Gonzales Co. to Flatonia, Schulenberg and beyond, 15 ft. wide, involving 35,837 cu.yd. unclassified earth excav., 1762 cu.yd. concrete and 181,224 lb. reinforcing steel. About $144,827. A. Schlafli, Schulenburg, engr.

Tex., Liberty—Until Jan. 16, by C. N. Smith, judge Liberty Co., draining, gravel surfacing and building trestle on 8.518 mi. Highway No. 35, from Cleveland to Montgomery Co. line, 16 ft. wide, involving 6.16 acres clearing and grubbing, 11,282 cu.yd. earth and 234 cu.yd. structural excav., 164 cu.yd. concrete, 1260 lin.ft. piling in trestle and 232,892 ft. B. M. creosoted timber in trestle. About $120,252. H. O. Compton, Liberty, engr.

Ariz., Tombstone—Until Jan. 3, Bd. Supervs. Cochise Co., building Sects. 2-A and 2-B Bisbee-Douglas Highway, Federal Aid Project No. 11, involving 47,137 sq.yd. 6 in. concrete paving on Sect. 2-A and 42,240 sq yd. on Sect. 2-B. State furnishes cement. Former bids rejected.

Cal., Fresno—Until Jan. 9, by Bd. Supervs. Fresno Co. improving 12 mi. Elm Ave., involving 21,550 cu.yd. earth excav., 15,670 cu.yd. concrete paving, 1,014,014 sq.ft. wearing top and 14 concrete and corrugated iron culverts, 280,000; 5.35 mi. Blackstone Ave., 8260 cu.yd. earth excav., 7005 cu.yd. concrete paving, 453,782 sq ft. wearing top, and 4 concrete and corrugated iron culverts, cost $125,000. Bids will be taken under 4 specifications, concrete base with Warrenite or Jensenite surface and asphaltic concrete base with Warrenite or Topeka surface.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**New York**—State Highway Comm., 53 Lancaster St., Albany, let contract improving 1.27 mi. Oakwood Ave., Rd. No. 1527, Rensselaer Co., to Belmar Contg. Co., Inc., Troy. $41,907; 4.17 mi. Malta-Bemis Heights, Part 1, Rd. No. 1528, Saratoga Co., to J. B. Dower, Ballston Spa., $167,257; 6.1 mi. Rexford Flats-Wait-Corners-Groom Corners, Rd. No. 1117, Saratoga Co., to W. G. Fox, Saratoga, $94,109; 6.93 mi. Castle Creek-Whitney Point Rd. No. 1450-A Broome Co., to Rosoff Eng. Co., 15 Park Row, New York City, $304,874; 6.36 mi. Sandy Creek-Smartville Rd. No. 1428, Oswego Co., to J. D. Rust, Buffalo, $95,405; completing 6.99 mi. Bennington-Attica-Attica Center, Parts 2 and 3, Rd. No. 1267, Wyoming Co., to F. W. Knickenberg, 702 Michigan Ave., Buffalo, $130,389; 2 mi. Canisteo-Whitesville, Part 3, Rd. No. 5650, Steuben Co., to Sweeney & Boland, Wolcott Rd., Rochester, $56,370.

New York—State Highway Comm., Capitol, Albany, received bids Dec. 9, improving 1.44 mi. Riders Mills-Brainard Rd. No. 1521, Rensselaer Co., from Belmar Contg. Co., Troy, $43,508; J. J. Rigney, Rensselaer, $43,715; L. Mayersohn, Albany, $46,271; 4.78 mi. Watertown-Philadelphia, Part 1, Rd. No. 5651, Jefferson Co., from J. L. Smith & Son, Lyons Falls, $144,128.

★**N. Y., Brooklyn**—E. Riegelmann, boro. pres. let contract laying asphalt pavement on West 35th St. from Neptune to Mermaid Aves., to Brooklyn Alcatraz Co., 407 Hamilton Ave., $12,502; regulating and grading 90th St. from 5th to Gelston Aves., to C. Gallagher, 745 Dean St., $1467.

★**N. Y., Rochester**—Bd. Contr. & Supply let contract paving Averill Ave., asphalt, to Rochester Vulcanite Paving Co., Exchange Pl. Bldg., $20,569.

★**N. Y., Syracuse**—Bd. Contr. & Supply let contract resurfacing .562 mi. East Fayette St. from South State to South Crouse Aves., 35-40 ft. wide, sandstone block, to F. J. Baker, Union Bldg., $65,190; .274 mi. North Saline St. between Oswego Canal and Butternut St., to G. B. Slickson, Union Bldg., $17,621; .248 mi. East Water St. from Salina to Warren Sts., to J. H. Gallup, Union Bldg., $15,878.

★**W. Va., Charleston**—City let contract rebuilding 14 streets, involving 58,000 sq.yd. Trinidad sheet asphalt on 7 in. concrete base, brick gutters to G. T. Fogle & Co., Charleston. About $242,000.

★**Miss., Greenwood**—City let contract paving various streets, to Hornaday Constr. Co., Greenwood. Work involves 9000 cu.yd. excav., 22,600 lin.ft. curb and gutter and 29,000 sq.yd. asphalt macadam pavement. About $97,000.

Kan., Abilene—Comrs. Dickinson Co. received bids Dec. 1, (1) hard surfacing and grading, 4.53 mi. Golden Belt Rd., Sect. A, Federal Aid Project No. 32, 18 ft. wide, also building bridges and culverts on same, (2) 3.96 mi. Bee Line Rd., Sect. D, Federal Aid Project No. 29, 18 ft. wide, (a) concrete, (b) monolithic brick, (c) bituminous filled brick, from Ziegler & Dalton, Junction City, (1a) $238,848, (2a) $215,184, (1b) $272,430, (2b) $242,633, (1c) $278,855, (2c) $246,850; Cook & O'Brien, Ry. Exch. Bldg., Kansas City, Mo., (1a) $246,938, (2a) $214,794, (1b) $286,266, (2b) $239,398, (1c) $292,105, (2c) $244,318.

★**Cal., Fresno**—City let contract improving 6 mi. Shaw Ave., involving 6400 cu.yd. excav., 421,000 sq.ft. asphalt concrete pavement, corrugated iron and concrete culverts, to Worswick Paving Co., 1st and San Diego Sts., $89,339. Latter assigned contract to Federal Constr. Co., Call-Post Bldg., San Francisco.

★**Cal., Fresno**—Fresno Co. let contract paving 24.2 mi. highway, 1½-in. Warrenite on 5-in. concrete base, to Blanchard, Crocker & Howell, 58 2nd St. About $687,000.

Cal., Los Angeles—Bd. Supervs. Los Angeles Co. received bids improving 5.62 mi. Saugus-Ventura Rd., Rd. Impvt. Dist. No. 5, 18 ft. wide, involving 53,500 cu.yd. earth excav., 59,440 sq.yd. 5 in. concrete base, 29,270 lin.ft. shaping roadbed, 43 cu.yd. concrete in culverts, 1800 lb. reinforcing steel, 357 ft. 18-36 in. corrugated iron pipe, 2 small pile bridges, etc., from Rogers Bros. Co., 350 Merrick St., $100,908, G. S. Benson & Sons, Stimson Bldg., $107,617, C. H. Hudson, Marsh-Strong Bldg., $116,858; 2.4 mi. Harbor Truck Blvd. near Compton, 24 ft. wide with disintegrated granite shoulders, involving 500 cu.yd. earth excav., 12,802 lin.ft. shaping roadbed, 34,136 cu.yd. 8 in. concrete base, 4610 lb. reinforcing steel, 22 cu.yd. concrete culverts, from Rogers Bros. Co., $65,898, D. L. Gaskill, 326 Hermosa St., Long Beach, $66,871. Fairchild-Gilmore-Wilton Co., Pacific Electric Bldg., $72,439. County furnishes 11,481 bbl. cement, 316,266 sq.ft. welded wire mesh and 7820 tons disintegrated granite.

Railways

PROPOSED WORK

Oklahoma—J. F. Crow, pres. Oklahoma Union Ry. Co., C. Page, Sand Springs, Bigheart Producing & Refining Co., Mayo Bldg., Tulsa and Exch. Natl. Bank, Tulsa, formed new company, to build interurban

Streets and Roads (Continued)

line to Pawhuska, Bigheart, Avant and Nelagony. About $1,000,000.

Ont., Elk City—I. W. Solloway, Toronto, forming company and plans to build 26-28 mi. light railway of 30 lb. rails from here to Gawganda, operated by gasoline locomotives, similar to those used in France. About $520,000.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**Ohio.**—Cleveland Ry., Leader News Bldg., will build 2½ mi. double track from West 3rd St. and Scranton Bridge to Bway. and East 34th St. About $250,000. Work will be done by day labor.

Excavation and Dredging

PROPOSED WORK

Pa., Wilkes-Barre—Dredging—City and Hanover Twp. had plans prepared dredging Solomon Creek; work includes 13,432 ft. ditch work, 20 ft. wide, 2000 ft. concrete tunnel and changing creek's course. About $1,000,000. B. K. Finch, Wilkes-Barre, engr.

O., Cleveland—Excavation—Comrs. Cuyahoga Co. having preliminary surveys made for straightening Cuyahoga River. About $3,000,000. Federal Government will appropriate toward cost of project. W. A. Stinchcomb, co. engr.

Mont., Ulm—Irrigation—Ulm Irrigation Dist., Cascade Co., plans to build 20 mi. canal to irrigate about 10,000 acres. J. E. James, Cascade, engr.

BIDS DESIRED

Minn., Elbow Lake—Ditch—Until Jan. 7, by Comrs. Grant Co., clearing and grubbing County Ditch No. 8, involving 14,500 cu.yd. excav., also repairing bridge foundation. About $11,000. W. E. Burgess, Elbow Lake, engr.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**Miss., Lake Cormorant**—Drainage—Bd. Comrs. Lake Cormorant D. D. let contract building 90 mi. open drainage channels in Tunica and DeSoto Counties, involving 3,342,000 cu.yd. floating dredgework, to Canal Constr. Co., Exch. Bldg., Memphis., Tenn. About $650,000.

★**Cal., Los Angeles**—Irrigation—Bd. Serv. 645 South Olive St., will build earth dam with hydraulic fill involving 500,000 cu.yd. excav., in Stone Canyon, (same being part of water and irrigation system for Westgate Annex, for which $700,000 bonds were voted.) Work will be done by day labor.

Industrial Works

PROPOSED WORK

N. H., Nashua—H. C. Lintott, 25 Main St., having plans prepared by W. H. Taylor & Son, archts., 50 Bromfield St., Boston, for 2 story, 75 x 150 ft., brick and steel garage, concrete flooring and foundation, on Main St. About $60,000.

Mass., Cambridge—Densmore & LeClear, archts., 88 Broad St., Boston, soon receive bids building 2 story, 50 x 170 ft., brick, concrete and steel factory, concrete flooring and foundation, on Charles River Parkway, for Eco Mfg. Co., 941 Exch. Bldg., Boston. About $65,000.

Mass., Haverhill—Whittier Bldgs., Inc., 1st Natl. Bank Bldg., plans to build 2 rein.-con. factories, on Washington St. About $700,000. Private plans.

Mass., Quincy (Boston P. O.)—C. W. Hodgkinson, Alden St., having plans prepared by W. H. Taylor & Son, archts., 50 Bromfield St., Boston, for 1 story, 85 x 100 ft., brick and concrete garage, concrete flooring and foundation, on Washington St. About $25,000.

Mass., Somerville (Boston P. O.)—Prospect Hill Bottling Co., 153 Cross St., soon lets contract building 2 story, 60 x 100 ft. and 60 x 120 ft., brick and concrete factory, concrete flooring and foundation, on Allston St. About $60,000. J. W. Hyson, 62 Beach Ave., Melrose, archt.

Mass., Westfield—Vitrified Wheel Co., Emery St., soon lets contract building 2 story, 42 x 85 ft., brick and mill construction addition to manufacturing plant, concrete foundation. About $25,000. Private plans.

Mass., Willimansett (Holyoke P. O.)—Stevens-Duryea Co., Chicopee Falls, having plans prepared for 3rd unit of plant, 1 story, 320 x 760 ft., brick and steel, concrete flooring and foundation, at Driving Park, here. Private plans.

Conn., Bridgeport—City having revised plans prepared by Davis & Dane, archts., 1024 Main St., and soon receives bids building 2 story, 146 x 200 ft., brick and rein.-con. garage, on Madison Ave. About $150,000.

Conn., Hartford—Cohen & Blum, c/o Berenson & Moses, archts., 1026 Main St., plan to build 2 story, 75 x 80 ft., brick and mill construction factory, on Windsor Ave. About $30,000.

Conn., South Norwalk—J. C. Schaeffler, archt. and engr., 40 West 32nd St., New York City, receives bids about Jan. 5, building brick, steel and concrete factory, rein.-con. flooring, concrete foundation, for Danor Realty Co., c/o architect. About $150,000.

Conn., Waterbury—City plans to build 1 story garage and rein.-con. retaining wall. About $30,000. R. H. Cairns, city engr.

Conn., Wilton—Ozo Co. plans to build rein.-con. factory, to contain 67,500 sq.ft. rein.-con. floor space, concrete foundation. About $175,000. Architect not selected.

N. Y., Binghamton—**W. R.** Hollingshead Co., 148 Oak St., plans to build 4 story, brick factory. About $150,000.

N. Y., Brooklyn—B. W. Dorfman, archt., 26 Court St., preparing plans for 5 story, brick and steel factory, rein.-con. flooring, brick foundation, on Grand Ave. and Dean St. About $200,000. Owner's name withheld.

N. Y., College Point (Flushing P. O.)—J. B. Kleinert Rubber Co., 725 Bway., New York City, having plans prepared by R. G. Cory, archt. and engr., 39 Cortland St., New York City, for 4 story, brick and steel factory, rein.-con. flooring, concrete foundation, here. About $150,000.

N. Y., Long Island City—A. Leveen, c/o R. Swartburg, archt. and engr., 103 Park Ave., New York City, having plans prepared and soon receives bids building 4 story, 60 x 125 ft., brick and steel factory, rein.-con. flooring, concrete foundation, on Wilbur Ave., here. About $85,000.

N. Y., New York—Natl. Gum & Mica Co., 2-10 West End Ave., having plans prepared by J. M. Felson, archt. and engr., 1133 Bway., for 25 x 100 ft., brick and steel addition to factory, rein.-con. flooring, concrete foundation, at 12 West End Ave.

N. Y., New York—Park & Tilford, 529 West 42nd St., having plans prepared by N. Weinberger, archt. and engr., 154 Nassau St., and soon receives bids building three 2 story, 75 x 100 ft., brick and steel garages, rein.-con. flooring, concrete foundation, at 537 West 43rd St. About $60,000.

N. Y., Rochester—Josiah Anstice Co., Inc., plans to build 1 story, 145 x 216 ft., brick foundry, on Humboldt St. About $85,000.

N. Y., Rochester—S. Henmann plans to build 2 story, 45 x 161 ft., brick addition to factory at 65 Sullivan St., cost $35,000; also install electric power plant and transmission line. About $12,000 to $15,000.

N. Y., Rochester—Rochester Motors Co., 609 Driving Park Ave., plans to build 1 story, brick and steel, irregular addition to factory to cover 30,000 sq.ft. floor space, on Wren St. and Driving Park Ave. About $60,000.

N. Y., Utica—Eureka Mower Co., 1005 Hickory St., plans to build 2 story, brick factory, at 1105 Hickory St. About $27,000.

N. Y., Utica—P. E. Hoffman, 2234 Whitesboro St., plans to build 1 story, 50 x 500 ft., concrete factory, on Sunset Ave. Cost between $40,000 and $45,000.

N. J., Hilton—G. C. Higby, archt., 207 Market St., Newark, soon lets contract constructing plant on Burnett Ave., to include 3 story, 135 x 135 ft. main building, 1 story, 75 x 135 ft. shop and 1 story, 50 x 80 ft. power house, rein.-con., for H. Boker & Co., Inc., 101 Duane St., New York City.

N. J., Jersey City—Colgate & Co., 105 Hudson St., plan to construct 4 story addition to building now being constructed. About $26,000.

N. J., Trenton—International Gasofoam Co., 564 East State St., plans to build plant here. About $50,000.

N. J., Trenton—H. D. Lee Mercantile Co., 13 East State St., plans to build plant here. About $1,000,000. Architect not selected.

N. J., Trenton—**Mercer Motors Co.**, Whitehead Rd., plans to enlarge and improve plant, here. Cost including machinery, $650,000. E. S. Hare, 245 West 55th St., New York City, pres.

Pa., Phila.—Greisler & Abramson, archts., Lafayette Bldg., preparing plans for 1 story, 60 x 100 ft., brick garage, on 3rd and Cambridge Sts. About $25,000. Owner's name withheld.

Pa., Wilkes-Barre—J. L. Johnson, Ross St., plans to build 2 story, 50 x 150 ft., brick and steel shop, rein.-con. floors, on Ross and Gildersleeve Sts. About $25,000. Architect not selected.

Md., Sparrows Point—Bethlehem Steel Co. soon lets contract building 1 story, 50 x 262 ft., steel and brick box factory, concrete foundation. About $70,000.

Md., Westport—McNamara Bros., Kloman St., having plans prepared by H. F. Doelman, archt., 507 North Charles St., Baltimore, for 1 story, 80 x 200 ft. steel addition to tank and boiler factory, concrete foundation. About $50,000.

O., Bedford—Lake Erie Steel & Wire Co. plans to build 1 story, 50 x 180 ft., rein.-con., steel and brick mill, rein.-con. flooring, concrete foundation. About $50,000. Private plans.

O., Cincinnati—Stacey Bros., 5535 Carthage Pike, plans to build factory, on Carthage Pike. About $200,000. Architect not selected.

O., Columbus—H. C. Godman Co., 31 North 4th St., acquired site 187½ ft. square on Town and Front Sts., and plans to build factory. About $350,000.

O., East Liverpool—Ohio River Power Co. having plans prepared constructing transformer-station with connecting buildings. About $600,000.

O., Springfield—Robbin-Myers Co., Lagonda Ave., receives bids about January, building 4 story, 80 x 300 ft., rein.-con. factory. About $100,000. W. E. Russ, 313 North Pennsylvania Ave., Indianapolis, Ind., archt.

Ind., Indianapolis—William Small Co., 31 West 11th St., having plans prepared for 1 story, 70 x 480 ft., brick factory on West Washington St. About $750,000. Private plans.

Mich., Detroit—L. Scisorek, archt., 225 Farwell Bldg., soon lets contract building 1 story, 40 x 80 ft., brick and steel plant, rein.-con. flooring, brick foundation, on Scotten Ave., for Western Gear Mfg. Co., 1040 Scotten Ave. About $30,000.

Wis., Jefferson—Jefferson Creamery Co. plans to build 2 story, 60 x 120 ft. creamery and factory, brick, tile and steel, rein.-con. flooring, brick foundation, on Main St. About $50,000. Architect not selected.

Wis., Milwaukee—Federal Textile Co., 1306 1st Wisconsin Natl. Bank, plans to build 1 and 2 story, rein.-con. and brick plant, rein.-con. flooring, concrete foundation, on Burleigh St. Architect and engineer not selected.

Wis., Milwaukee—Ogren Motor Car Co., 692 Natl. Ave., plans to build 1 story, 100 x 200 ft. brick and steel addition to factory. About $60,000. Architect and engineer not selected.

Wis., Shawano—Shawano Creamery Co. plans to build 3 story, 58 x 112 ft. brick and steel factory, rein.-con. flooring, brick and timber foundation, on Main St. About $48,000. Private plans.

Neb., Scribner—Scribner Artificial Ice Co. plans to build ice and electric plants. About $25,000 and $40,000 respectively.

Ore., Portland—Montgomery Ward & Co., 581 Upshur St., plans to build 3 or 4 story, brick or masonry construction, mail order house, in Guilds Lake Dist. About $1,500,000. C. C. Hindman, Gasco Bldg., atty. Architect not selected.

Cal., Los Angeles—Los Angeles Soap Co., 633 East 1st St., having plans prepared by Morgan, Walls & Morgan, archt., 1124 Van Nuys Bldg., for 1 story, 40 x 80 ft. boiler house, 30 x 40 ft. distillery, 80 ft. high, and 30 x 40 ft. machine shop, on 1st and Alameda Sts.

Cal., San Pedro—Van Camp Sea Food Co., 14th St. and Waterfront, plans to build ice and cold storage plant and 250 ft. wharf. About $300,000.

Cal., Ventura—Sespe Light & Power Co., Merchants Trust Bldg., Los Angeles, plans to build hydro-electric plants and irrigation projects on Sespe and Pivu Rivers; 1st unit to include 2 reservoirs of 51,000 acre ft., 46,000 ft. power conduit, 3000 ft. pressure pipe line, 1000 ft. head and 10,000 kw. hydroelectric plant, to be increased to 18,000 kw. when 2nd unit is built; 2nd unit, 100,000 acre ft. storage reservoirs, 90,000 ft. conduit, 4000 ft. pressure pipe line, 2300 ft. head and 8000 kw. plant; 3rd unit additional storage to deliver 100,000 acre ft. per annum for irrigation. About $100,000 for preliminary surveys. R. R. Comm. has granted certificate of convenience and necessity on condition that company furnishes satisfactory financing plan and sufficient data to enable commission to de-

Industrial Works (Continued)
ermine feasibility of project by Mar. 1, 1920. F. Buren, pres.

Que., Montreal—Deserres Co., 204 St. Denis, soon lets contract building 4 story, 50 x 50 ft. steel and brick, auto and hardware factory, concrete foundation, on Sanguinet St. About $35,000.

BIDS DESIRED

O., Cleveland—A. A. Chilcote, 733 Superior Ave., receiving bids building 1 story, 100 x 140 ft., steel and brick factory, rein.-con. flooring, concrete foundation. About $30,000. Private plans.

Ia., Iowa Falls—Until Jan. 4, by Swift & Co., 76 West Monroe St., Chicago, Ill., building 3 story, 100 x 140 ft. brick, rein.-con. and steel, produce house, rein.-con. flooring, concrete foundation, here. About $150,000. Private plans.

Tex., Ft. Worth—Hub Furniture Co., 1529 Willie St., receiving bids constructing 4 story, 80 x 100 ft. storage and office building, rein.-con. and steel, rein.-con. flooring, concrete foundation. About $100,000. W. E. Austin, mgr. J. Pollard, Ft. Worth Natl. Bank Bldg., archt.

Que., Montreal—Until Jan. 15, by H. Birks & Co., Ltd., Phillips Sq., building 10 story, 50 x 100 ft., brick, steel and concrete factory, concrete foundation on St. Monique and Cathcart Sts. About $350,000.

Que., Montreal—Until Dec. 27 by McClary Mfg. Co., 20 Wellington St., building 4 story, 50 x 75 ft. steel, brick and concrete factory, rein.-con. flooring, concrete foundation, on Wellington and Grey Nun Sts. About $100,000. Private plans.

Ont., Hamilton—Until Jan. 1, by B. H. Prack, archt., 50 Bay St., Toronto, building 5 story, 100 x 250 ft., concrete, steel and brick factory, rein.-con. flooring, concrete foundation, on Barton St., here, for Firestone Tire & Rubber Co., South Main St., Akron, O. About $350,000.

PRICES AND CONTRACTS AWARDED
(★Indicates award of contract)

★**Mass., Cambridge**—C. T. Main, engr., 201 Devonshire St., Boston, let contract to Stone & Webster Eng. Corp., 147 Milk St., Boston, building 2 story, 86 x 134 ft., brick, steel and concrete boiler house, rein.-con. flooring, concrete foundation, for Lever Bros. Co., 176 Bway.

★**Mass., Haverhill**—Whittier Bldgs., Inc., 1st Natl. Bank Bldg., let contract building 8 story, 65 x 160 ft., rein.-con. factory, concrete flooring and foundation, on Washington St., to W. A. and H. A. Root, Inc., 1 Beacon St., Boston. About $300,000.

★**Mass., Holyoke**—Farr Alpaca Co., Jackson St., let contract building 3 story, 147 x 200 ft. and 4 story, 75 x 147 ft., brick and rein.-con. factories, rein.-con. flooring, concrete foundation, on Jackson St., to S. M. Green Co., 293 Bridge St., Springfield. About $350,000.

★**Mass., Newton** (Boston P. O.)—H. W. Orr Co., 869 Washington St., Newtonville, let contract building 1 story, 80 x 82 ft., brick and rein.-con. addition to garage, concrete flooring and foundation, to J. W. Duff, Inc., 146 Sumner St., Boston. About $25,000.

★**R. I. Bellefont** (Providence P. O.)—Imperial Printing & Finishing Co. let contract building 1 story, 70 x 200 and 50 x 100 ft., brick and mill construction addition to mill, to C. I. Bigney Constr. Co., Inc., 898 Westminster St., Providence. About $65,000.

★**R. I., Central Falls** (Pawtucket P. O.)—Central Constr. Co., Slater Trust Bldg., Pawtucket, will build 1 story, 50 x 200 ft., brick and mill construction plant, here. About $40,000. Owner's name withheld.

★**R. I., Central Falls** (Pawtucket P. O.)—United Mets Corp., c/o Clark, MacMillan & Riley, archts. and engrs., 101 Park Ave., New York City, let contract building 1 story, 100 x 150 ft., brick and steel mill, rein.-con. flooring, concrete foundation, to Central Constr. Co., Slater Trust Bldg., Pawtucket.

★**R. I., Esmond**—Esmond Mills let contract building 2 story, 108 x 110 ft. and 100 x 125 ft., brick and mill construction addition to mill, to Bowerman Bros., Industrial Trust Bldg., Providence. About $125,0000.

★**R. I., Peacedale**—Peacedale Mfg. Co. will build 2 story, 54 x 80 ft., brick and mill construction addition to mill. About $35,000. Work will be done by day labor.

★**R. I., Riverpoint**—B. B. and R. Knight Corp., 21 South Main St., Providence, will build 3 story, 154 x 420 ft., brick and mill construction weave shed, concrete foundation, here. About $400,000. Work will be done by day labor. Noted Sept. 18.

★**Conn., Bridgeport**—Bassick Co., 38 Austin St., let contract building 6 story, 67 x 178 ft., rein.-con. factory, rein.-con. flooring, concrete foundation, on Myrtle Ave., to T. J. Pardy Constr. Co., 1484 Seaview Ave. About $200,000.

★**Conn., Hartford**—Colonial Auto Co., 1279 Main St., let contract building 1 story, 60 x 150 ft., brick and concrete garage, sales and service station, concrete flooring and foundation, on Washington St., to Porteus-Walker Co., 13 Forest St. About $30,000. Noted June 12.

★**Conn., New Haven**—W. Schollhorn & Co., Hamilton St., let contract building 4 story, 40 x 140 ft., brick and mill construction factory and office, to Sullivan & McKeon, 843 Dixwell Ave. About $84,000.

★**Conn., New Haven**—Smedley Co., 266 State St., let contract building 1 story, brick and concrete garage, concrete flooring and foundation, on Brewery St., to Larkin-Carey Co., 166 Brewery St. About $25,000.

★**Conn., Thomaston**—Waterbury Jewel Co., Inc., 31 Canal St., Waterbury, let contract building 3 story, 95 x 100 ft., brick and mill construction factory, concrete foundation, on River St., here, to Thomaston Land & Impvt. Co., Main St. About $55,000.

★**Conn., Waterbury**—Noera Mfg. Co., Griggs St., will build 1 story, 35 x 160 ft., brick and mill construction addition to factory, concrete foundation. About $25,000. Work will be done by day labor.

★**Conn., Waterbury**—Scovill Mfg. Co., 99 Mill St., will build 1 story, 30 x 100 ft. paint shop and 12 x 22 ft. sub-station addition, brick, concrete flooring and foundation, on Silver St. About $28,000. Work will be done by day labor.

★**N. Y., Brooklyn**—Ascutney Realty Co., 1721 Ave. J, will build 1 story, 100 x 125 ft., brick and steel machine shop, rein.-con. flooring, concrete foundation, on East 7th St. and Foster Ave. About $50,000. Work will be done by day labor.

★**N. Y., Brooklyn**—Couch-Haas Motors Corp., 1537 Bedford Ave., let contract building 2 story, 80 x 185 ft., rein.-con. and steel factory, rein.-con. flooring, concrete foundation, on Henry, Ely and William Sts., to L. Gold, 44 Court St.

★**N. Y., Brooklyn**—Federal Composition Paint Co., 17 Battery Pl., New York City, let contract altering 3 story, brick, rein.-con. and steel factory rein.-con. flooring, at 258 41st St., here, to W. Kennedy Constr. Co., 215 Montague St. About $60,000.

★**N. Y., Brooklyn**—Norman Holding Co., 690 Bway., will build 1 story, 45 x 100 ft., brick and steel garage, rein.-con. flooring, concrete foundation, on Hancock St. and Wykoff Ave. About $25,000. Work will be done by day labor.

★**N. Y., Great Neck**—R. Levanding, 120 Bway., New York City, will build brick and steel garage, rein.-con. flooring, concrete foundation, here. About $25,000. Work will be done by day labor.

★**N. Y., Long Island City**—G. M. Film Printing Co., Times Sq., New York City, let contract building 2 story, 35 x 155 ft., rein.-con. and steel laboratory, rein.-con. flooring, concrete foundaion, on Pierce and 8th Sts., here, to Fleischman Constr. Co., 531 7th Ave., New York City.

★**N. Y., Long Island City**—Queens Electric Light & Power Co., 347 Central Ave., Far Rockaway, let contract building 1 story, 40 x 200 ft., brick and steel garage, rein.-con. flooring, concrete foundation, on Reade and Jane Sts., here, to R. Deeves & Son, 309 Bway., New York City. About $150,000.

★**N. Y., New York**—Flush-Becker Impvt. Co., 391 Christopher St., will build 1 story, 100 x 125 ft., brick and steel garage, concrete foundation, on 19th St. and 10th Ave. About $50,000. Work will be done by day labor.

★**Pa., Phila.**—G. C. Williams, 613 North 34th St., let contract building 1 story, 67 x 185 ft., brick addition to garage, on Pentridge and 57th Sts., to L. K. Smith, 41st St. and Chester Ave. About $25,000.

Pa., Wissinoming (Phila. P. O.)—Tabor Mfg. Co. let contract altering office and building 1 story, 100 x 107 ft., concrete and steel factory, on State Rd., to J. N. Gill, Otis Bldg., Phila. About $50,000.

★**Md., Baltimore**—R. C. Kolb, 10th and Reed Sts., Phila., Pa., let contract building 1 and 2 story, 60 x 200 ft., bakery, brick and stone, concrete foundation, on Pennsylvania and North Aves., here, to Singer-Pentz Co., 600 Equitable Bldg. About $200,000.

★**Md., Baltimore**—A. G. Zimmerman, archt., 85 9th Ave., let contract to F. W. Mark, Commercial Trust Bldg., Phila., altering and building 4 story, brick addition to warehouse and factory, concrete foundation, for Natl. Biscuit Co., 406 South St. About $50,000.

★**Md., Baltimore**—Standard Overall Co., 701 West Pratt St., let contract building 5 story, 40 x 115 ft., brick warehouse and factory, concrete and brick foundation, at 705-7 West Pratt St., to R. B. Mason, 308 West Madison St. About $70,000.

★**O., Cincinnati**—King Machine Co., Winton Pl., let contract building concrete, steel and brick addition to factory, to H. C. Hazen, Reading Rd. About $50,000.

★**O., Cleveland**—Edgewater Lumber & Supply Co., 330 West Prospect Ave., let contract constructing 1 story, 60 x 130 ft. storage building and 2 story, 40 x 60 ft., office, concrete and brick, brick foundations, on West 117th St., to W. Serne, 1595 Chesterland Ave., Lakewood. About $50,000.

★**O., Cleveland**—Parish — Pool Copper Co., c/o P. E. Cleveland, Guardian Bldg., let contract constructing 1 story, 150 x 500 ft., brick and steel, smelting and refining building, on Clinton Rd., to A. W. Kilbourne Co., 6532 Euclid Ave. About $300,000.

★**O., Columbus**—Fireproof Storage & Warehouse Co., 1025 North High St., let contract building 5 story, 70 x 80 ft., rein.-con. warehouse, at 1022 North High St., to E. H. Latham Co., Columbus Savings & Trust Bldg. About $50,000.

★**O., Mount Vernon**—Knox Tire & Rubber Co., let contract building 3 story, 100 x 225 ft., concrete, steel and brick factory, rein.-con. flooring, concrete foundation, to E. E. Elford Co., 104 North 3rd St., Columbus. About $150,000. Noted Sept. 18.

★**O., Newark**—Parish Rubber Co. let contract building 2 story, 110 x 180 ft., concrete, steel and brick factory, rein.-con. flooring, concrete foundation, to Bellefontaine Steel Co., Bellefontaine. About $100,000.

★**Mich., Detroit**—Cable Draper Baking Co., Marquette St., let masonry contract building 2 story, 68 x 131 ft., brick, steel and concrete addition to bakery, brick and concrete foundation, on Wabash and Marquette Sts., to G. D. Nutt, Farwell Bldg., steel, to Whitehead & Kales, Beecher & Michigan Central R.R. Total cost, $30,000.

★**Mich., Detroit**—Detroit Motor Casting Co., Beaufait St., let steel contract building 1 story, 60 x 155 ft., rein.-con., brick and steel foundry, rein.-con. flooring, concrete foundation, on Beaufait St., to Whitehead & Kales, Beecher Ave. and Michigan Central R.R.; masonry, to J. L. Hopkins, Sun Bldg. About $35,000.

★**Mich., Detroit**—Grennan's Cake Bakery Co., 17th St., let masonry contract building 2 story, 50 x 104 ft., brick, steel and mill construction bakery, brick foundation, to D. Spicer, Sun Bldg.; steel, to Whitehead & Kales, Beecher Ave. & Michigan Central R.R. Total cost, $30,000.

★**Mich., Jackson**—Hup Motor Car Co. let contract building 1 story, 60 x 90 ft., brick, rein.-con. and steel power house, rein.-con. flooring, concrete foundation, to E. Winter, Chamber of Commerce, Detroit.

★**Wis., Milwaukee** — Ludwig-Wolf Ice Cream Co., 608 Caswell Blk., let contract building 2 story, 40 x 52 ft. rein.-con. and brick factory, rein.-con. flooring, concrete foundation, on 12th and Clarke Sts., to C. F. Behnke, 827 34th St. About $25,000.

★**Wis., Tomah**—Tomah Rubber Wks., 176 17th St., Milwaukee, let contract building 2 story, 100 x 100 ft. rein.-con. and brick factory, rein.-con. flooring, concrete foundation, here, to C. Larson, Tomah. About $45,000.

★**Ia., New London**—A. D. Haynes & Co. let contract building rein.-con. grain elevator, 25,000 bu. capacity, to Burrell Eng. & Constr. Co., 327 South La Salle St., Chicago, Ill. About $50,000.

★**Ia., Sioux City**—Grain Belt Cereal Co. let contract building 80 x 125 cereal factory and grain storage tank, 25,000 bu. capacity, both rein.-con., to Burrell Eng. & Constr. Co., 327 South La Salle St., Chicago, Ill. About $150,000.

★**Minn., Duluth**—F. A. Patrick & Co., 5th Ave., let contract building 3 story, 140 x 140 ft., rein.-con. and brick factory, rein.-con. flooring, concrete foundation, on West Superior St., to G. H. Lounsberry, Superior St., E. About $100,000; cost plus percentage basis.

★**Mont., Billings**—Marshall Wells Hardware Co. let contract building 4 story, 75 x 140 ft. warehouse, to B. J. Martin, 243 Wyoming Ave. About $80,000.

★**Que., Montreal**—Barrett Mfg. Co., Ltd., 2021 St. Hubert St., let contract building 1 story, 100 x 200 ft., concrete, steel and brick

Industrial Works (Continued)

factory, concrete foundation, on Des Carrieres St., to J. Sheaver & Co., 225 St. Patrick St. About $30,000.

Buildings

PROPOSED WORK

Me., Chisholm—School—T. G. O'Connell, archt., 18 Boylston St., Boston, Mass., soon receives bids building 3 story, 52 x 75 ft., brick and steel parochial school, concrete foundation, for St. Rose's Roman Catholic Church. About $50,000. G. LeGuenice, pastor.

Vt., Brattleboro — Bank — Hutchins & French, archts., 6 Beacon St., Boston, Mass., soon receive bids altering present bank building, for Brattleboro Natl. Bank. About $50,000.

Conn., Trumbull—School—Bd. of Selectmen soon lets contract building 1 story, 60 x 125 ft., brick and concrete, concrete foundation, in Nichols Dist., and 1 story, 60 x 125 ft., brick and concrete, concrete foundation, in Long Hill Dist. About $50,000 each. A. H. Christie, chn. Noted Sept. 18.

N. Y., Brooklyn—Chapel—Polytechnic Preparatory County Day School, 7th Ave. and 92nd St., soon lets contract building 2 story, brick and steel, brick foundation. About $80,000. Lord & Hewett, 345 5th Ave., New York City, archts. and engrs.

N. Y., New York—Loft—L. K. Schwartz, 110 West 40th St., soon receives bids building 6 story, 41 x 98 ft., brick and steel, brick foundation, at 41-43 East 28th St. About $80,000.

N. Y., New York—Loft—J. C. Schaeffler, archt. and engr., 40 West 32nd St., receives bids about Jan. 5, building brick and steel, brick foundation, at 539-549 Broome St., for W. H. Warren, c/o architect. About $150,000.

N. J., Newark—Fire House—City receives bids about January building 2 story fire house. About $75,000. J. V. King, 185 Market St., archt.

Pa., Phila.—Sales and Service—Neel Cadillac Co., 144 North Broad St., receives bids about Jan. 1, building concrete and brick, on 25th St. and Parkway. About $800,000. C. E. Oelschlager, 1615 Walnut St., archt.

O., Canton—Hotel and Lodge—Pythian Castle Bldg. Co. soon lets contract building 7 story, 84 x 159 ft., concrete, steel and brick, rein.-con. flooring, concrete foundation. About $300,000. C. Firestone, Renkert Bldg., archt.

Ind., Indianapolis—Arsenal Technical School—Bd. Educ. soon lets contract building 3 story, 68 x 440 ft., brick, steel and concrete, rein.-con. flooring, concrete foundation. About $400,000. Vonnegut & Bohn, 610 Indiana Trust Bldg., archt.

Minn., St. Paul—School—H. W. Austin, city purch. agt., rejected bids received Nov. 24, building Homecroft School, 2 story, 84 x 140 ft., rein.-con. and brick, on Field Ave. About $80,000. C. A. Hausler, City Hall, archt.

Mont., Eureka—School—School Dist. No. 13 election Dec. 27, to vote on $50,000 bonds to build grade school. H. S. Pomeroy, Eureka, interested.

Mont., Forsyth—Hospital—Rosebud Co. receives bids about Jan. 1, building 3 story, 42 x 100 ft. hospital. About $75,000. McIver, Cohagen & Marshall, 407 Electric Bldg., Billings, archts. Noted July 10.

Wash., Seattle—Hospital—C. H. Bebb, archt., c/o Bebb & Gould, Securities Bldg., soon lets contract building 3 story, 120 x 120 ft., masonry. About $130,000. Owner's name withheld.

Wash., Seattle—Hospital — Orthopedic Hospital Bd., Queen Hill, receives bids about Jan. 1, building 2 story addition. About $60,000. H. Albertson, Henry Bldg., archt.

BIDS DESIRED

Mass., Braintree (Boston P. O.)—Bank—Braintree Natl. Bank, Elm St., receiving bids building 1 story, 26 x 70 ft., brick and granite, concrete foundation, on Main St. About $50,000. E. T. Nolte, 120 Monatiquot Ave., archt.

Conn., Hartford—School—Until Jan. 5, by High School Bldg. Comn., building 3 story high school, on Maple Ave. Architect not selected.

Md., Jarrettsville—Harford Co. School Comn., Belair, receiving bids building 2 story, 60 x 70 ft., brick and stone, rock foundation, here. About $50,000. J. B. Hamme, City Bank Bldg., engr.

O., Cleveland—School—Until Dec. 29, by Bd. Educ., building 2 story, 92 x 166 ft., concrete, steel, brick and stone, rein.-con. flooring, concrete foundation, on Warner Rd. About $300,000. W. R. McCormack, 6th St. and Rockwell Ave., archt.

O. Kenmore—School—Until Dec. 29, by Bd. Educ., building 2 story, 60 x 123 ft., concrete, steel and brick, rein.-con. flooring, concrete foundation. About $150,000. M. P. Lauer, Peoples Bank Bldg., Akron, archt.

O., Massillon—Commercial—F. Hess, c/o Hess Snyder Co., receiving bids building 3 story, 100 x 250 ft., concrete, steel and brick, rein.-con. flooring, concrete foundation. About $75,000. Albrecht, Wilhelm & Kelly, 1836 Euclid Ave., Cleveland, archts.

Mich., Detroit—Pavilion—Until Dec. 31, by L. Kamper, archt., Book Bldg., building 1 story, 110 x 110 ft., rein.-con., steel and wood, rein.-con. flooring, concrete foundation, on East Jefferson Ave. and Grand Blvd., for Kling Products Co., 1424 East Jefferson Ave.

Mich., Grand Rapids—Theatre—Until Dec. 31, by G. M. Lindsey, archt. and engr., 2321 Dime Bank Bldg., building 2 story, 100 x 100 ft., rein.-con., brick and steel, rein.-con. flooring, concrete foundation, on Crescent and Bond Sts., for Regent Theatre Co., Bond St.

Ia., Waterloo—Theatre—Until Jan. 1, by Palace Theatre Co., 508 Sycamore St., building 1 story, 68 x 128 ft. brick, rein.-con. and steel, rein.-con. flooring, concrete foundation. About $150,000. M. B. Cleveland, 601-605 1st Natl. Bank Bldg., archt.

Minn., Minneapolis—Bank, Office and Lodge—E. C. Haley, archt., 605 Willmar Bldg., receiving bids building 3 story, brick, steel and stone. About $50,000. Owner's name withheld.

Minn., St. Paul—Store—Emporium Mercantile Co., 7th and Robert Sts., receiving bids building 6 story, 145 x 160 ft., rein.-con. and steel addition. About $650,000 Buechner & Orth, 500 Shubert Bldg., archt C. L. Pillsbury, 716 Capital Bank Bldg., engrs.

Neb., Ord—Court House—Until Jan. 13, by Valley Co., building 3 story, 78 x 101 ft., brick, rein.-con. and steel, rein.-con. flooring, concrete foundation. About $140,000. W. F. Gernandt, 634 Keeline Bldg., Omaha, archt.

S. D., Mitchell—Auditorium—Until Feb. 1, by T. Eastcott, city aud., for drawings for auditorium. About $150,000; advertised in this issue.

Mo., Desloge—Bd. Educ. receiving bids building 3 story, 83 x 114 ft., concrete and steel, concrete foundation. About $90,000. R. H. Sanneman, 519 Reserve Bank Bldg., Kansas City, archt.

Okla., Cleveland—High School—Until Dec. 26, by Bd. Educ., building 2 story, 68 x 126 ft. brick, rein.-con. and steel, rein.-con. flooring, concrete foundation. About $75,000. Hawk & Parr, 501 Security Bldg., Oklahoma, archts.

Ore., Coquille—School—Until Dec. 26, Bd. Educ., building 2 story, 77 x 142 ft. mason construction, concrete foundation. About $50,000. Tourtellotte & Hummel, McKay Bldg., Portland, archts.

Cal., Fresno—School—Until Jan. 8, by Bd. Educ., for excavating, brick and terra cotta work, steel and onamental iron work, plumbing and heating for new John Muir, Arlington Heights, Webster, Longfellow and Kirk Schools. J. R. Fontaine, secy. Noted Aug. 21.

Ont., Windsor—Theatre—Until Jan. 1, by J. and J. J. Allen, Richmond St., Toronto, building 7 story, 60 x 120 ft., brick and rein.-con., rein.-con. flooring, concrete foundation. About $200,000. C. H. Crane, 2325 Dime Bank Bldg., Detroit, Mich., archt. Noted Sept. 25.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**Mass., Northampton** — Housing — McCallum Hosiery Co., 136 West St., will build twenty-one 2 story, brick, wood and stucco construction houses for workmen, on Woodlawn Ave. Cost between $125,000 and $150,000. Work will be done by day labor.

Mass., Swampscott—School—School Bd. received lowest bids Dec. 11, building 1 story, 78 x 164 ft., brick and timber, concrete foundation, at Machon, masonry work, from A. French, Swampscott, $17,700; carpentry, from Perkins & Wells, Concord, $28,465; heating, from Laskey & McMurrer, 135 Pearl St., Boston, $7292; plumbing, from W. H. Greenleaf, 73 Chestnut St., Boston, $4497; electric work, from E. C. Lewis & Co., Inc., 121 Federal St., Boston, $2227.

★**Conn., Glenville**—School—G. E. Hearn, secy., 335 Greenwich Ave., Greenwich, let contract building 2½ story, 148 x 154 ft., brick and steel, concrete foundation, here, to Rangeley Constr. Co., 56 West 39th St., New York City, $233,500.

★**Conn., Hartford**—School—Bd. Educ. let contract building 3 story, 87 x 87 ft., brick and concrete addition, wood flooring, concrete foundation, on Wethersfield Ave., to Wise & Upson, 36 Pearl St., $187,241.

★**Conn., Hartford**—Store—C. H. T. Scott, 19 Woodland St., let contract building 5 story, 50 x 140 ft., brick and steel, brick foundation, to Republic Fireproofing Co., 26 Cortland St., New York City. About $125,000.

★**Conn., New Haven**—Business—Kusterer & Smith, 376 Yale Ave., let contract building 6 story, rein.-con. and steel, rein.-con. flooring, concrete foundation, 1st story, 80 x 116 ft., and upper ones 60 x 80 ft., on Court St., to deBussey-Kusterer Co., 116 Church St. About $100,000.

★**Conn., New London**—Theatre—H. R. Brewster, archt., 295 East 17th St., Brooklyn, N. Y., let contract to A. E. Badgeley Co., Stone Opposite House Bldg., Binghamton, N. Y., building 3 story, 60 x 175 ft., brick, concrete and steel, rein.-con. flooring and foundation, on Bank St., for W. T. Murphy, 143 Bank St. About $225,000. Noted June 12.

★**N. Y., Brooklyn** (Ridgewood)—Community—Ridgewood Heights Church of Christ, Forest Ave. and Linden St., let contract building 2 story, brick, steel and stone, brick foundation, to R. H. Brown, 350 Fulton St. About $80,000.

★**N. Y., New York**—Office—Women's Exch., 539-541 Madison Ave., let contract altering 4 story, brick and steel, to E. E. Paul Co., 101 Park Ave. About $55,000.

★**N. Y., New York**—Stores—Simrud Holding Corp, 135 Bway., will build several brick and steel stores, brick foundation, on 74 x 94 ft. plot on Fordham Rd. and Walton Ave. About $125,000. Work will be done by day labor.

★**N. J., Camden**—Office—Smith-Austermuhl, 529 Market St., let contract building 2 story, 57 x 110 ft., concrete, brick and terra cotta, on 5th and Market Sts., to Standard Constr. Co., 1713 Sansom St., Phila., Pa. About $87,100.

★**Pa., Phila.**—Bank—United Bank & Trust Co., c/o A. L. Levy, archt., 3960 Pennsgrove St., let contract building 1 story, 40 x 95 ft., brick, marble and terra cotta, at 4022 Girard St., to S. Levin, 1631 South 5th St. About $50,000.

★**Pa., Wilkes-Barre** — Theatre — Nesbitt Theatre let contract building 3 story, 50 x 150 ft., concrete, brick, steel and marble addition, rock foundation, on South Main St., to O. J. Behrens, Blackman St. About $139,000.

★**Pa., Wyoming**—School—St. Cecelia's Church let contract building 2 story, 60 x 60 ft., concrete and brick, rock foundation, on 1st St., to Alaimo Bros., Main St. About $50,000.

Del., Laurel—Bank—People's Natl. Bank, Market St., received lowest bid building 1 story, 32 x 62 ft., concrete and brick, cement flooring, concrete and brick foundation, from T. H. Mitchell, 207 Lake St., Salisbury, $68,846.

★**Del., Wilmington**—Bank and Office—Delaware Trust Co., 9th and Market Sts., let masonry contract for 15 story, 80 x 200 ft., steel, brick and stone, concrete foundation, to Stewart Willey Co., 1123 Bway., New York City. About $150,000.

★**Md., Cumberland**—Hotel—Geo. Washington Hotel Co. let contract building 8 story, granite, brick and terra cotta, rock foundation, to Wise Granite & Constr. Co., Amer. Natl. Bank, Richmond, Va. About $350,000.

★**N. C., Monroe**—School—City let contract building 2 story, rein.-con. and steel to Tucker & Ingram, Monroe. About $90,000.

★**O., Cleveland**—Commercial — S. D. Wise, c/o Arco Co., 1812 East 93rd St., let contract building 1 story, 50 x 98 ft., concrete, steel and brick, rein.-con. flooring, concrete foundation, on Euclid Ave., to J. A. Moffet, Union Bldg. About $50,000.

★**O., Cleveland**—Office—Association Bldg. Co., c/o W. E. Lower, Osborn Bldg., let contract building 4 story, 86 x 240 ft., concrete, steel and brick, rein.-con. flooring, concrete foundation on Euclid Ave and East 93rd St., to Crowell-Lundoff-Little Co., 5716 Euclid Ave. About $300,000.

★**O., Kent**—Office—Mason Tire & Rubber Co. let contract building 2 story, 40 x 100

Buildings (Continued)

ft., concrete, steel and brick, rein.-con. flooring, concrete foundation, to Van Blarcom Constr. Co., 22nd St. and Prospect Ave., Cleveland. About $50,000.

★O., Norwalk—Bank and Office—Citizens Natl. Bank let contract building 5 story, 50 x 115 ft., rein.-con., brick and stone, concrete foundation, to Mills & Millspaugh, 67 East Long St., Columbus. About $200,000. Noted Sept. 18.

★O., Troy—School—H. Sheaver, clk. Bd. Educ., Concord Twp., Miami Co., let contract building 2 story, 72 x 90 ft., brick and concrete, concrete flooring and foundation, to C. P. Kricher, Athens, $80,200.

★Mich., Detroit—Sales and Service—M. A. Young, 754 Woodward Ave., let contract building 3 story, 60 x 186 ft., rein.-con., brick, steel and stone, rein.-con. flooring, concrete foundation, on Woodward Ave., to O. Misch Co., Chamber of Commerce. About $125,000.

★Wis., St. Francis — Church — Sacred Heart Church let contract building 2 story, 42 x 129 ft. brick, rein.-con. and tile, brick foundation, to V. Pacholski, 962 Warren St. About $50,000.

★Ia., Ames—Armory—State Bd. Educ. let steel contract for 3 story, 96 x 112 ft. brick, rein.-con. and steel, rein.-con. flooring, concrete foundation, to McClintic-Marshall Constr. Co., Oliver Bldg., Pittsburgh, Pa. Total cost, $300,000. Noted Aug. 14.

★Ia., Des Moines—School—Bd. Educ. let contract building 1 story, 62 x 122 ft. rein.-con., brick and stone, rein.-con. flooring, concrete foundation, on 30th and Park Sts., to J. E. Tusant & Sons Co., 583 7th St., $52,855.

★Ia., Iowa City—Armory—State Bd. Educ. let steel contract for 3 story, 90 x 180 ft brick, rein.-con. and steel, rein.-con. flooring, concrete foundation, to McClintic-Marshall Constr. Co., Oliver Bldg., Pittsburgh, Pa. Total cost, $200,000.

★Minn., Hibbing — Store — Oliver Iron Mining Co., Wolvin Bldg., Duluth, let contract building 2 story, 118 x 129 ft. addition, here, to W. J. Hoy Constr. Co., 700 Metropolitan Bldg., St. Paul. Cost plus percentage basis.

★Minn., Willmar—Service—State Bd. Control, Capitol, St. Paul, let general contract building 3 story, 50 x 120 ft., rein.-con., brick and stone, at State Hospital for Insane, here, to J. H. Olson & Co., Willmare, $77,756; heating and plumbing, to W. S. Mathieson, Ottawa Ave., St. Paul, $12,041.

★Kan., Wichita—Office—J. B. Hupp, 320 East Central Ave., and J. S. Barnes, Wichita, will build 6 story, 100 x 140 ft. fireproof office. About $350,000. Bd. Trade, lessee.

★Tex., Austin — Exchange — Southwestern Telephone & Telegraph Co., 410 Congress Ave., let contract building 2 story, 85 x 97 ft. rein.-con., brick and steel, rein.-con. flooring, on 9th and Colorado Sts., to F. A. Jones, 4627 San Jacinto St., Dallas. About $150,000; cost plus percentage basis.

★Wash., Seattle—Sales—Great Western Motors Co., Pine and Bellevue Sts., let contract building 1 story, 100 x 165 ft., concrete and brick, rein.-con. flooring, on Bway. and Union Sts., to Hurley-Mason Co., Hoge Bldg. About $75,000.

★Cal., Los Angeles—Nurses' Home—Bd. Supervs. let contract building six 2 story, 30 x 98 ft., frame, concrete foundation, at County Hospital, to F. R. Johnson, H. W. Hellman Bldg., $91,865.

Federal Government Work

PROPOSED WORK

Mass., Boston—Remodeling Hospital—Treas. Dept., Wash., D. C., rejected bids received Sept. 30, remodeling main building of U. S. Marine Hospital, here. J. A. Wetmore, superv. archt. Noted Aug. 28.

BIDS DESIRED

Md., Annapolis—Water Tanks and Towers—Spec. 4103—Until Jan. 7, by Bureau Yards & Docks, Navy Dept., Wash., D. C., building one 2000- and one 12,000-gal. steel water tanks, with 67 ft. steel towers and appurtenances, at Naval High Power Radio Sta., Greenbury Point, here. About $5500; $10 deposit required for plans and spec.

D. C., Wash.—Sewers—Until Jan. 5, by Dist. Comrs., Dist. Bldg., constructing service sewers involving 3800 lin.ft. 10-15 in. pipe sewers. C. W. Kutz, comr.

Va., Yorktown — Buoys — Spec. 4068 — Until Dec. 30, by Bureau Yards & Docks, Navy Dept., Wash., D. C., for furnishing four moving buoys, here. Cost $7000; $10 deposit required for plans and spec.

O., Springfield—Remodeling Post Office—Until Jan. 8, by Treas. Dept., Wash., D. C., remodeling, here. J. A. Wetmore, superv. archt.

Utah, Santa Clara—Bridge—Until Jan. 8, by Dept. of Interior, Office of Indian Affairs, Wash., D. C., building bridge over Santa Clara River, Shivwitz, Indian Reservation, here. C. Sells, Shivwitz School, comr.

Cal., Los Angeles—Dredging—Until Jan. 7, at U. S. Eng. Office, 725 Central Bldg., dredging areas A and C and middle ground, San Diego Harbor, involving 307,000, 1,077,000 and 200,000 cu.yd. About $374,000 available.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**Pa., Chester**—Remodeling Post Office—Treas. Dept., Wash. D. C., let contract remodeling post office, here, to F. W. Van Loon, Denckla Bldg., Phila., $5453.

Ore., Eugene—Roads—U. S. Dept. Agriculture, Bureau Pub. Rds., 204 Post Office Bldg., Portland, received bids Nov. 29, building 14.2 mi. Blue River Sect. of McKenzie River Natl. Forest Rd., Lane Co., involving 47 acres clearing, 25 acres grubbing, 7000 cu.yd. rock and 43,273 cu.yd. common excav., culverts, abutments, etc., from Montague & O'Reilly, Blake-McFall Bldg., Portland, $157,774; Siems & Carlson, Spokane, Wash., $100,287.

Cal., Mare Island—Electric Lighting and Power System—Spec. 3982—Bureau Yards & Docks, Navy Dept., Wash., D. C., received bids Dec. 3, installing, here, from Carleton-Mace Eng. Co., 38 Chardon St., Boston, Mass., $48,000 (120 days); Globe Electric Wks., 1959 Mission St., San Francisco, $49,995 (120 days); H. S. Little, 966 Folsom St., San Francisco, $50,670 (136 days).

Miscellaneous

PROPOSED WORK

Coal Dock and Pockets—Grand Rapids, Mich.—Kent Fuel Co., 1230 Taylor Ave., having plans prepared by F. P. Allen & Son, archts., 463 Houseman Bldg., for 1-story, 75 x 320 ft., rein.-con., coal dock and pockets, rein.-con. flooring, concrete foundation, on Taylor Ave.

Machinery—Antigo, Wis.—Langlade Co. appropriated $8500 to purchase machinery, to include tractors, wheelers and slushers. C. Olsen, comr.

Screening Plant, Grader, etc.—Barron, Wis.—Barron Co. appropriated $50,000 to purchase 1 screening plant, 1 or 2 trucks, 1 tractor, 1 grader, construction outfit and 11 patrolmen's equipment. E. Gleason, Cumberland, comr.

Graders, Plows, etc.—Black River Falls, Wis.—Jackson Co. voted $5500 bonds to purchase 15 graders, 15 plows, 15 slushers, 15 drags or planes. W. Tibbitts, comr.

Graders and Tools—Chilton, Wis.—Calumet Co. appropriated $4000 to purchase small graders and small tools. W. Hoenig, comr.

Gravel Elevator, Graders, etc.—Chippewa Falls, Wis.—Chippewa Co. appropriated $6000 to purchase gravel elevator attachment for crusher, 8 patrol graders, 1 tractor and 1 gravel screening plant. P. O. Lokrantz, comr.

Gravel Crusher and Screening Plant—Crandon, Wis.—Forest Co. appropriated $8000 to purchase gravel crusher and screening plant. F. J. Rogers, comr.

Graders—Eau Claire, Wis.—Eau Claire Co. voted $2000 bonds to purchase graders and other patrolmen's equipment. G. Osborne, comr.

Machinery—Friendship, Wis.—Adams Co. appropriated $2000 to purchase machinery, including 1 patrolman's outfit and 1 truck. J. A. McGregor, comr.

Machinery—Grand Rapids, Wis.—Wood Co. appropriated $20,000 to purchase road machinery. E. Morris, comr.

Crushing Outfit—Green Bay, Wis.—Brown Co. plans to purchase complete crushing outfit. G. J. Cormier, comr.

Machinery—Green Lake, Wis.—Green Lake Co. appropriated $5000 to purchase machinery, to include 2 trucks. D. C. Williams, comr.

Machinery—Jefferson, Wis.—Jefferson Co. appropriated $7900 to purchase machinery, to include patrolmen's outfits. R. D. Royce, Ft. Atkinson, comr.

Machinery—Juneau, Wis.—Dodge Co. appropriated $7000 to purchase road machinery. E. T. Klug, comr.

Machinery—Lancaster, Wis.—Grant Co. appropriated $16,000 to purchase machinery, including graders, 31 plows, 31 road drags, 31 drag scarifiers and small tools to equip 31 patrolmen. H. Mink, comr.

Machinery—Mauston, Wis.—Juneau Co. appropriated $10,000 to purchase road machinery, to include small tools.

Machinery—Medford, Wis.—Taylor Co. appropriated $10,000 to purchase road machinery. F. H. Grahl, comr.

Graders, Wheelers, etc.—Merrill, Wis.—Lincoln Co. voted $19,000 bonds to purchase 16 patrol graders, 12 wheelers, 1 large grading outfit, consisting of tractor, grader and 2 or 3 trucks. H. H. Kuehling, Tomahawk, comr.

Machinery—Neillsville, Wis.—Clark Co. appropriated $12,000 to purchase machinery ,including crushers, bins, small graders and tools. W. C. Thoma, comr.

Paver, Graders, Etc.—Oshkosh, Wis.—Winnebago Co. voted $15,000 bonds to purchase 1 paver and pipe line and 3 patrol graders. J. Binning, comr.

Wheel scrapers, road planes, etc.—Phillips, Wis.—Price Co. voted $5800 bonds to purchase 8 wheel scrapers, 25 road planes and gravel loader. B. M. Griffin, comr.

Machinery—Viroqua, Wis.—Vernon Co. appropriated $10,000 to purchase machinery, to include scarifier, compressor, oiler, tractors and small equipment. A. Ristow, comr.

Graders—Whitehall, Wis.—Trempealeau Co. voted $19,000 bonds to purchase 2 large graders and gravel pit equipment. E. F. Rotering, Arcadia, comr.

BIDS DESIRED

Bulkhead and Side Walls—Phila., Pa.—Until Dec. 22, by G. S. Webster, dir. Dept. Wharves, Docks & Ferries, 550 Bourse Bldg., repairing (a) Columbia Ave. bulkhead, Delaware River, (b) side walls of superstructure of Vine St. pier, No. 19, North Wharves.

Sewer Pipe — Brownstown, Ind. — Until Jan. 6, by Comrs. Jackson Co., furnishing county with sewer pipe for year 1920. A. Luedtke, co. aud.

Motor Fire Truck—Crosby, Minn.—City receiving bids furnishing White motor fire truck, triple compound composed of chemical, hose and pump. H. L. Nicholson, clk.

Gravel Loader and Screener—Hibbing, Minn.—City receiving bids furnishing gravel loader and screener. J. P. Murphy, city recdr.

Gravel Screening and Loading Plant—Minneapolis, Minn.—Until Jan. 12, by A. P. Erickson, aud. Hennepin Co., furnishing gravel screening and loading plant, 30 ton bin.

Steam Road Roller—Manitowoc, Wis.—Until Dec. 24, by A. H. Zander, city clk., furnishing steam road roller and grader. Cost between $20,000 and $30,000.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**Coal Pocket—New Bedford, Mass.**—D. Duff & Son, Pleasant St., let contract building 2 story, 50 x 200 ft., rein.-con. coal pocket, to J. H. Proctor, 840 Old South Bldg., Boston. About $25,000.

★**Trestle — Watertown, N. Y.** — North Counties Coal & Supplies Co., 204 Franklin St, will build 20,000 ton coal storage trestle and reloading tracks, also install hoppers with electric crane. Cost between $40,000 and $60,000. Work will be done by day labor under supervision of C. E. Dewey, archt., Light & Power Bldg.

★**Elevator — Pittsburgh, Pa.** — Central Elevator Co., 11th and Etna Sts., let contract building 300,000 bu. rein.con. grain elevator, to Burrell Eng. & Constr. Co., 327 South LaSalle St., Chicago. About $500,000.

★**Tanks—Grimes, Ia.**—Armour Grain Co. let contract building rein.-con. storage tanks, 25,000 bu. capacity, to Burrell Eng. & Constr. Co., 327 South La Salle St., Chicago. About $45,000.

★**Retaining Wall—Missoula, Mont.**—City let contract building concrete retaining wall 18 ft. high, along block of river front, to include filling and constructing alley south of West Front St., to Smead & Simons, Higgins Blk. About $13,900.

★**Transit Shed—Seattle, Wash.**—Port of Seattle Comn., Bell St. Dock, let contract building 2 story, heavy timber transit shed, 500 ft. long, 150 ft. wide, on Pier B, Smith's Cove, to Harrington & Pefers, Mutual Bldg., Design "B", $124,000.

★**Cast-Iron Pipe and Valves—Inglewood, Cal.**—City Trustees let contract to M. Murphy, 1321 Milvia St., Berkeley, furnishing 13,000 ft. 4 in. class A c.i. pipe @ $1.33 per ft., 9825 ft. 6 in., $1.80, 4150 ft. 8 in., $2.60, 4 in. valves, $24., 6 in., $40., 8 in., $70., 2 in., $22., 3 in., $26., total cost, $56,631.

OFFICIAL PROPOSALS

Bids: Dec. 29.

Reinforced Concrete Bridge

OFFICE OF THE COUNTY CONTROLLER OF BERKS COUNTY, PENNSYLVANIA

Reading, Pa.

Proposal for the construction of a Reinforced Concrete Bridge consisting of 13 arches and three flat spans with reinforced slab approaches on Bingaman Street, Reading, Pennsylvania.

Sealed proposals will be received at this office up to 10 o'clock A.M., Friday, December 29, 1919, for the construction of a reinforced concrete bridge consisting of 13 arch spans and three flat spans with reinforced slab approaches on Bingaman Street.

The structure will span the Schuylkill River, Schuylkill canal and the Pennsylvania, and Philadelphia and Reading R.R. tracks.

The total length of the structure will be 1586 feet with a 39 foot roadway and two 10 foot 6 inches wide sidewalks.

Bids will be opened in the office of the County Commissioners in the Court House at 11 o'clock A.M., December 29, 1919.

All bids must be accompanied with a certified check for $20,000 made payable to C. J. Rhode, County Controller.

Copies of proposal blanks, plans and specifications may be obtained at the office of the County Commissioners, Reading, Pa., or upon application to Charles F. Sanders, C. E. Reading, Pa. A deposit of $200.00 will be required which will be refunded upon the return of the plans and specifications on or before December 29, 1919.

The right is reserved to reject any or all bids.

J. CALVIN HERBINE,
DANIEL G. GAREL,
HARRY D. MATTHEWS,
Dec. 8, 1919. Commissioners.

Bids: Jan. 5.

Beach and Bay Front Improvement

Seaside Park, N. J.

Sealed proposals, addressed to Aaron Wilbert, Borough Clerk, for the construction of a casino, bath houses, swimming pool and pavilion, complete with all their appurtenances, will be received by the Borough Council of the Borough of Seaside Park, at the Council Chamber, on Monday, the fifth day of January, 1920, at 8:00 o'clock P.M., and opened immediately thereafter.

Each proposal is to be labeled "Proposal for Beach and Bay front improvement." Each bid is to be accompanied by a certified check for Ten per cent (10%) of the contract price bid, and made payable to Holmes Van Note, Borough Treasurer, without condition or endorsement.

Plans and specifications may be obtained from the office of the Borough Clerk, from Arnold H. Moses, Architect, 136 South Fourth Street, Philadelphia, Pa., or from Remington & Vosbury, Consulting Engineers, 601 Market Street, Camden, upon the deposit of $10.00, of which sum $5.00 will be remitted upon the return of the plans and specifications in good condition.

The Borough reserves the right to reject any or all bids and to decide as to the desirability of the bidders.

AARON WILBERT, Borough Clerk.

Bids: Feb. 1.

Drawings for City Auditorium

City of Mitchell, S. D.

The City Council of the City of Mitchell are desirous of receiving Drawings for a City Auditorium, to cost approximately $150,000. Three prizes are offered for the best designs submitted, ($450, $300, and $150).

The program governing competition, together with Plat of site and full instructions, will be sent on request by the undersigned.

All drawings, to receive judgment and consideration, must be at the Office of the undersigned by February 1st, 1920.

City Auditor, THOMAS EASTCOTT,
Dec. 11th, 1919. Mitchell, S. D.

Bids: Jan. 5.

Paving

Fayetteville, W. Va.

Sealed proposals will be received at the office of the Clerk of the County Court, Fayetteville, W. Va., until January 5th, 1920, for paving one section of the Midland Trail, through Nuttall District, of approximately 8.0 miles. Grading and drainage complete. Bids will be received on Portland Cement Concrete, Bituminous Macadam (Penetration) and other improved types of paving.

Bids must be submitted on the blank form contained in the book of specifications, which with other information may be obtained upon application to J. K. McGrath, Road Engineer, Fayetteville, West Virginia.

A certified check for five per cent. of the proposal, made payable to the Sheriff of Fayette County, shall be filed with the bid. The County Court reserves the right to reject any and all bids.

J. K. McGRATH, Road Engineer.

By order of the County Court of Fayette County, West Virginia.

H. O. BOLEY President.
Dec. 10, 1919. C. E. MAHAN, Clerk.

Bids: Jan. 14.

Verde River Gravity Water Supply

Phoenix, Ariz.

Sealed bids will be received until January 14, 1920, ten A.M., by V. A. Thompson, city manager, Phoenix, Arizona, for the furnishing of materials, tools and labor to construct a gravity water supply for the City of Phoenix. The work consists of about 32 miles of 36-inch to 38-inch wood, concrete or steel pipe line and a 25,000,000 gallon reinforced concrete covered circular reservoir. 5% deposit required with bids.

Plans, profiles and specifications can be seen in the city engineer's office at Phoenix Arizona, or the office of Hiram Phillips consulting engineer, 801 International Life Building, St. Louis, or copies can be had for a deposit of $10.00 which will be refunded upon return in good condition of plans within ten days after the award of contract.

The right is reserved to reject any and all bids or parts thereof.

V. A. THOMPSON, City Manager

Bids: Jan. 5.

Bridge Construction

Tallahassee, Fla.

Sealed proposals will be received by the State Road Department, at Tallahassee Florida, up to ten o'clock P.M., on the 5th day of January, 1920.

For the construction of a bridge over the Blackwater river, at Milton, Florida consisting of four steel Girder Approach spans, and a steel Bascule lift span.

The length of the structure to be constructed is approximately 338 feet long, of four 60' deck girder spans, and a Strauss Bascule lift span with an 80' clear channel, having an 18' clear roadway and one 6' sidewalk, all on a substructure of concrete piers.

The proposed improvement will consist of approximately the following:

Wood foundation piling, 8250 lin. ft.
Concrete, 1348 cubic yards.
Steel Reinforcement, 168,000 pounds.
Structural Steel, Approach spans, 220,000 pounds.
Structural Steel, Bascule span, 200,000 pounds.
Castings, machinery, etc., 22,500 pounds.
Flooring, 26,500 ft. B.M.
Hand Rail, 716 lin. ft.

Plans and specifications are on file at the State Road Department, Tallahassee, Florida, for examination, or may be obtained on application to the State Road Department, for the sum of Twenty Dollars ($20.00), when returned with a bona-fide bid. Fifteen Dollars will be returned to the bidder.

The right is reserved to reject any or all bids.

A certified check in the sum of Three Thousand Dollars ($3000.00) amde payable to M. M. Smith, Chairman of the State Road Department, must accompany each bid as an evidence of good faith and the acceptance and entering into contract by the party to whom the work may be awarded.

Any bidder who shall, after fifteen (15) calendar days, notice being given, of the acceptance of his or their proposal, fail to execute the contract and furnish the required bond shall forfeit his or their claim to the work and his or their certified check shall be retained and used by the State of Florida as liquidated damages.

STATE ROAD DEPARTMENT
M. M. SMITH Chairman.
CHAS. A. BROWNE,
State Highway Engineer.
Dec. 6th, 1919.

U. S. GOVERNMENT

Bids: Jan. 2.

U. S. ENGINEER OFFICE, Florence, Ala.—Sealed proposals will be received here until 2 P.M. (central time), January 2, 1920, and then opened for constructing Lock and Esplanade for Dam at Widows Bar, Tennessee River, near Bridgeport, Ala. Further information on application.

Bids: Feb. 2.

SEALED PROPOSALS will be opened by the Supt. of Lighthouses, San Juan, P. R., 2 o'clock p.m., February 2, 1920, for construction of tower and dwelling for Point Jiguero Light Station, Rincon, P. R. Plans, specifications and other information upon application.

Nothing Deducted for Depreciation

¶A friend of mine who drives one of the better, high-priced cars told me a day or two ago that he can sell his car today for $300.00 more than he paid for it when new just three years ago. ¶Nothing deducted for depreciation. ¶I told him he had nothing on me—contractors whom I have served with Contract Bonds for eight years tell me that my service is worth more to them today than it was when first I began serving them. ¶—and I admit they are right.

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